

TECHNICAL MEMORANDUM

DATE: August 12, 2009

TO: Mr. Carl Warren, WAM, EPA Region 9

FROM: Scott Ruth, Project Manager, Bristol Environmental Remediation Services, LLC

RE: EPA Contract No. EP-W-07-104

Work Assignment 1006, LUST Site Assessments in Indian Country

Bond & Bond/NAV 046

Bristol Environmental Remediation Services, LLC (Bristol) has prepared this Technical Memorandum (Tech Memo) at the request of the U.S. Environmental Protection Agency (EPA). The Tech Memo provides the following information for the subject site, Bond & Bond (EPA ID NAV 046), located in Shiprock, New Mexico:

- Results of the May 2008 groundwater sampling event, including water levels and analytical results;
- Results of the August/September 2008 site characterization activities, including soil and groundwater analytical results; and
- Results of the November/December 2008 site characterization activities, including soil and groundwater analytical results.

EXECUTIVE SUMMARY

The Bond & Bond site is located on the north side of U.S. Highway 64 in Shiprock, New Mexico, approximately one-quarter mile southwest of the intersection of U.S Highways 64 and 491. Bond & Bond is no longer operating at the site, and the former Bond & Bond building is occupied by a hardware store and a video rental store.

Three underground storage tanks (USTs) were removed from the site in 1993. Evidence of a petroleum release was noted at the time of UST removal. Nine monitoring wells were installed between 1993 and 2005. Four of the original nine monitoring wells can no longer be located.

The EPA assigned this site to Bristol under Work Assignment 1006, Contract Number EP-W-07-104. In 2008, Bristol installed 11 additional monitoring wells at the site and characterized the extent of soil and groundwater contamination.

Exceedances of cleanup levels in soil include gasoline-range organics (GRO), diesel-range organics (DRO), and benzene. Exceedances of cleanup levels in groundwater include GRO and DRO. Sixteen monitoring wells are located on the site. Product has been measured in one well at thicknesses up to 0.03 feet. The direction of groundwater flow is to the west.

The remedial technology that will be used at the Bond & Bond site is air sparging (AS) with soil vapor extraction (SVE). Bristol will design the system based on the results of the AS pilot study that was conducted in 2008 at a nearby site (White Eagle, EPA ID NAV120) with similar geology and contamination. The results of that pilot study were included in a Tech Memo to the EPA, dated February 20, 2009.

SITE BACKGROUND

The Bond & Bond site is located in Shiprock, New Mexico, approximately one-quarter mile west of the junction of U.S. Highway 491, along U.S. Highway 64 (Attachment 1, Figure 1). The highway is an area of heavy traffic use. With a population of approximately 8,000, Shiprock is one of the more populated towns on the Navajo Nation. The area around the site is used for commercial and residential purposes. An operating hardware store and video rental store are located on the site (Attachment 1, Figure 2). A trailer home is located west of the site. A Bureau of Indian Affairs (BIA) facility is located north of the site. Potential receptors include on-site or nearby commercial or residential buildings and the San Juan River. Activities that have been conducted at the site include the following:

- 1993 Three USTs were removed and a petroleum release confirmed. Eight monitoring wells were installed. Soil contamination was identified, but none of the monitoring wells were found to contain groundwater contamination.
- June 2003 A full round of groundwater sampling was conducted. Only seven of the original eight wells were located, and only four were found to contain groundwater. None of the four monitoring wells sampled were found to contain groundwater contamination above EPA maximum contaminant levels (MCLs).



- 2005 One additional monitoring well (MW-7) was installed and a full round of groundwater sampling was conducted. One monitoring well (MW-1) was found to contain free product and another (MW-5) was found to be dry. Newly installed MW-7 was found to contain ethylbenzene above the EPA MCL.
- May 2008 A full round of groundwater sampling was conducted. Analytical results and water level measurements are presented in attached tables (Attachment 2).
- August 2008 Seventeen soil borings were installed, nine of which were completed as monitoring wells MW-8 through MW-16. Analytical results are presented in attached figures (Attachment 1) and tables (Attachment 2).
- September 2008 All nine newly installed monitoring wells (MW-8 through MW-16) were sampled. Analytical results and water level measurements are presented in attached tables (Attachment 2).
- November 2008 Six soil borings were installed, two of which were completed as monitoring wells MW-17 and MW-18. Analytical results are presented in attached figures (Attachment 1) and tables (Attachment 2).
- December 2008 A full round of groundwater sampling was conducted. Analytical results and water level measurements are presented in attached figures (Attachment 1) and tables (Attachment 2).

GENERAL SITE CONDITIONS

The site has been characterized and found to have petroleum contamination at concentrations exceeding cleanup levels for both soil and groundwater. Free product has been detected in MW-1. Contaminants detected at the site include volatile organic compounds (VOCs), GRO, and DRO.

COMPLETED TASKS

In May 2008, a full round of groundwater sampling was conducted at the Bond & Bond site in preparation for anticipated site characterization activities. Two monitoring wells were not sampled: MW-1 was found to contain free product and MW-5 was found to be dry. Due to a malfunctioning interface probe, product thickness was not measured in MW-1. The three remaining monitoring wells were sampled. Water levels were measured in each of the wells. Groundwater samples were submitted for laboratory analysis to Columbia Analytical Services, Inc. (CAS), in Phoenix, Arizona. Samples were analyzed for GRO using EPA Solid Waste Method (SW) 8015MOD, DRO and oil-range organics (ORO) using SW8015B, VOCs using SW8260B, ethylene dibromide (EDB) using SW8011, and lead using SW6010B. Groundwater



samples were found to exceed cleanup levels for GRO and DRO. Groundwater analytical results are presented in attached tables (Attachment 2, Table 2).

In August 2008, site characterization activities were conducted at the Bond & Bond site. Seventeen soil borings (B-1 through B-17) were drilled, nine of which were completed as monitoring wells (MW-8 through MW-16) (Attachment 1, Figure 2). Analytical results provided by a mobile laboratory operated by CAS aided Bristol in guiding drilling activities. Groundwater samples were collected from open borings and submitted to the mobile laboratory for field screening. Groundwater samples were screened for DRO and ORO by SW8015MOD and for methyl tertiary-butyl ether (MTBE), benzene, toluene, ethylbenzene, and xylenes (BTEX) by SW8021B. Soil samples were submitted for analysis to the mobile laboratory and to the CAS fixed laboratory in Phoenix. The mobile laboratory analyzed soil samples for DRO and ORO by 8015AZ and GRO, BTEX, and MTBE by SW8021B. The fixed laboratory analyzed soil samples for Resource Conservation and Recovery Act metals by SW6010B, polychlorinated biphenyls by SW8082, and semivolatile organic compounds (SVOCs) by SW8270C. GRO, DRO, and benzene soil contamination exceeding cleanup levels was identified and delineated. Groundwater screening results are presented in an attached table (Attachment 2, Table 3). Soil analytical results are presented in attached figures (Attachment 1, Figures 3 through 6) and tables (Attachment 2, Table 4). Soil boring logs are presented in Attachment 3.

In September 2008, the nine newly installed monitoring wells (MW-8 through MW-16) were sampled for laboratory analysis. Water levels were measured in each of the wells. Groundwater samples were submitted for laboratory analysis to CAS in Phoenix, Arizona. Samples were analyzed for GRO, DRO, and ORO by SW8015MOD, VOCs by SW8260B, SVOCs by SW8270C, EDB by SW8011, and lead by SW6010B. Groundwater samples were found to exceed cleanup levels for GRO and DRO. The extent of groundwater contamination was defined in all directions, except for north and west of MW-15 and MW-16, and south and east of MW-9 and MW-10.

In November 2008, additional site characterization activities were conducted at the Bond & Bond site. Six soil borings (B-18 through B-23) were drilled, two of which were completed as monitoring wells (MW-17 and MW-18) (Attachment 1, Figure 2). Analytical results provided



by a mobile laboratory operated by CAS aided Bristol in guiding drilling activities.

Groundwater samples were collected from open borings and submitted to the mobile laboratory for field screening. Groundwater samples were screened for DRO and ORO by SW8015MOD and for GRO, BTEX, and MTBE by SW8021B. Groundwater samples were also collected from three borings (B-18 through B-20) and submitted to the fixed CAS laboratory for rush DRO analysis. This sampling was conducted because the mobile laboratory detection limit for DRO in water was higher than the cleanup level. Soil samples were submitted to the mobile laboratory for laboratory analysis for DRO and ORO by 8015AZ and GRO, BTEX, and MTBE by SW8021B. None of the soil samples were found to contain analytes above reporting limits. Groundwater analytical and screening results are presented in attached tables (Attachment 2, Tables 2 and 3). Soil analytical results are presented in attached figures (Attachment 1, Figures 3 through 6) and tables (Attachment 2, Table 4). Soil boring logs are presented in Attachment 3.

In December 2008, a full round of groundwater sampling was conducted. Water levels were measured in each of the wells. MW-1 was found to contain 0.03 inches of free product and was not sampled. All 14 of the other monitoring wells at the site were sampled. Groundwater samples were submitted for laboratory analysis to CAS in Phoenix, Arizona. Samples were analyzed for GRO, DRO, and ORO by SW8015D, VOCs by SW8260B, and EDB by SW8011. Groundwater samples were found to exceed cleanup levels for GRO and DRO. The extent of groundwater contamination has been defined in all directions (Attachment 1, Figures 9 and 10).

Attachment 1 to this Tech Memo includes Figures 1 through 12, depicting the site layout, groundwater contours, selected analytical results, and distribution of selected, individual contaminants. Attachment 2 includes tables presenting water levels, groundwater screening results, and selected soil and groundwater analytical results. Attachment 3 includes all soil boring logs. Attachment 4 includes all laboratory analytical reports.

PLANNED OR PROPOSED ACTIVITIES

Design Remediation System

The remedial technology that will be used at the Bond & Bond site is AS with SVE. Air sparging is the injection of air below the groundwater table. The air then travels upward through



channels that contact the areas of contaminated soil and groundwater. The volatile components of the petroleum hydrocarbons are removed by the air to the subsurface, and then typically gathered by SVE wells and removed from the ground. The extracted air is treated to remove the volatiles.

Bristol will design the system based on the results of the AS pilot study that was conducted in 2008 at a nearby site (White Eagle, EPA ID NAV120) with similar geology and contamination. The results of that pilot study were included in a Tech Memo to the EPA, dated February 20, 2009.

Bristol is currently designing the AS/SVE remedial system for the Bond & Bond site. A Corrective Action Plan detailing the system design will be submitted to EPA in late 2009. Aspects of the proposed design will include:

- Number of AS and SVE wells that will be required,
- Placement of AS and SVE wells,
- Appropriate size of blowers and off-gas treatment units, and
- Other parts of the remedial system as required.

Install Remedial System

Pending EPA approval of the Corrective Action Plan, Bristol proposes to install the AS/SVE remedial system concurrently with the installation of the remedial system at the nearby White Eagle/NAV 120 and Chief Conoco/NAV 211 sites in late 2009 or early 2010.

2009 Groundwater Sampling

Groundwater sampling occurred in June 2009 and will occur again in December 2009. The monitoring wells will be sampled without first being purged. Groundwater samples collected from the wells will be submitted to the TestAmerica, Inc., laboratory in Phoenix, Arizona, and analyzed for VOCs, GRO, and DRO. A Tech Memo detailing the results of the 2009 groundwater sampling events will be submitted to the EPA following receipt of analytical results.



Schedule Summary

Activity	Month/Year	Tentative Start Date
Remedial System Design	Ongoing	Ongoing
Spring 2009 Groundwater Sampling	June 2009	Completed
Remedial System Installation	Late 2009/early 2010	To be determined
Fall 2009 Groundwater Sampling	December 2009	To be determined
Technical Memorandum (system installation)	Early 2010	To be determined

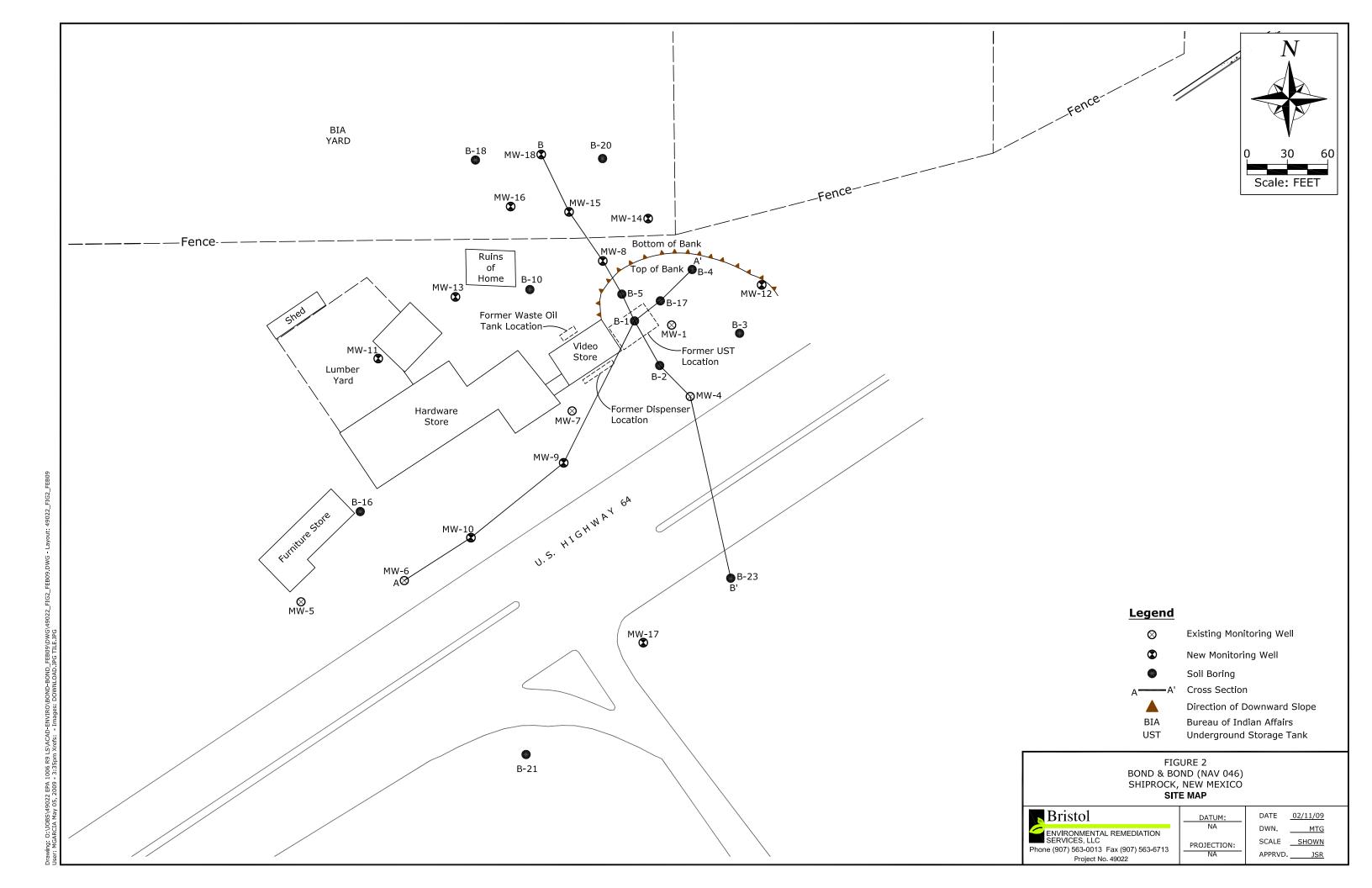


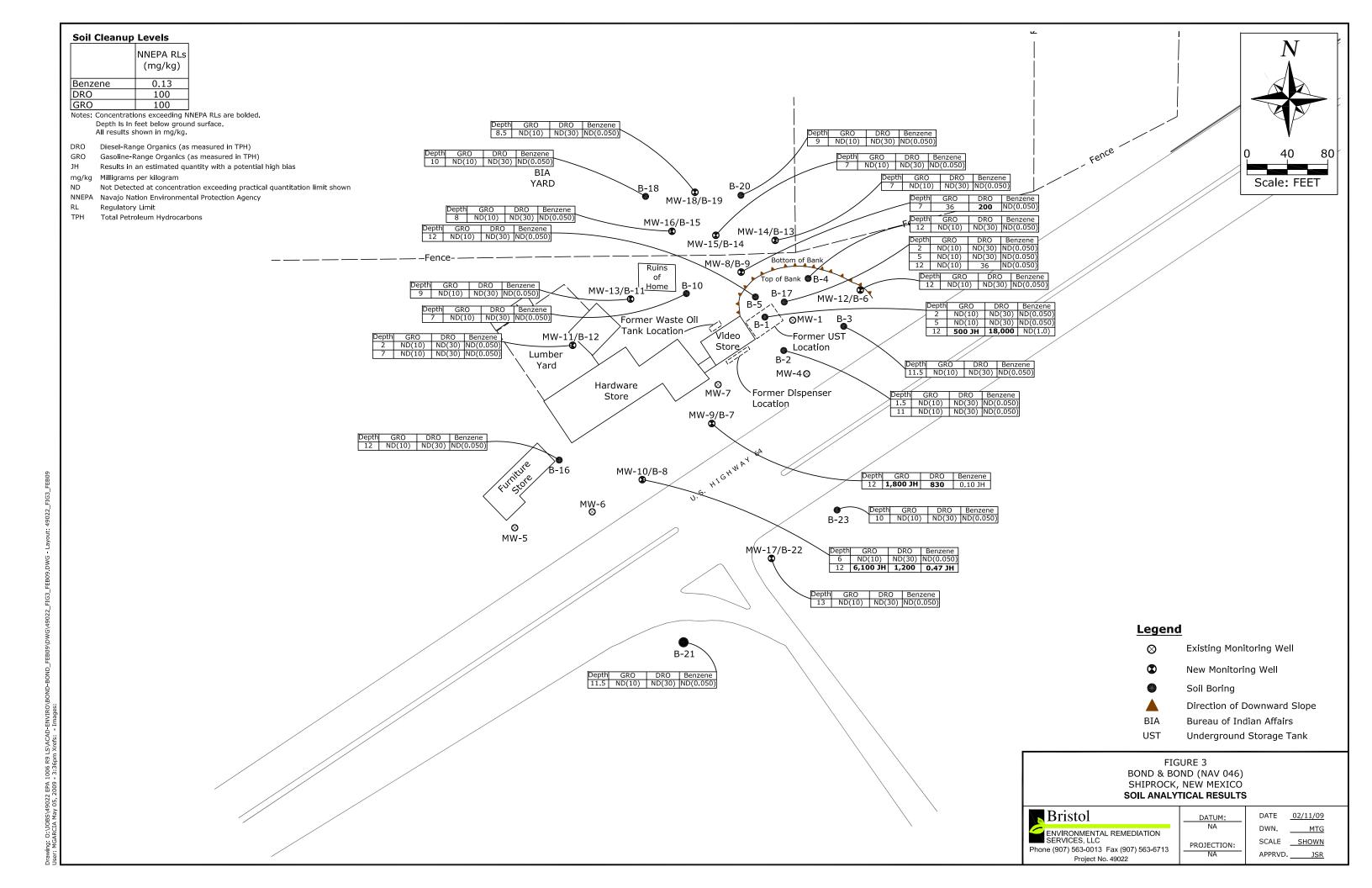
ATTACHMENT 1

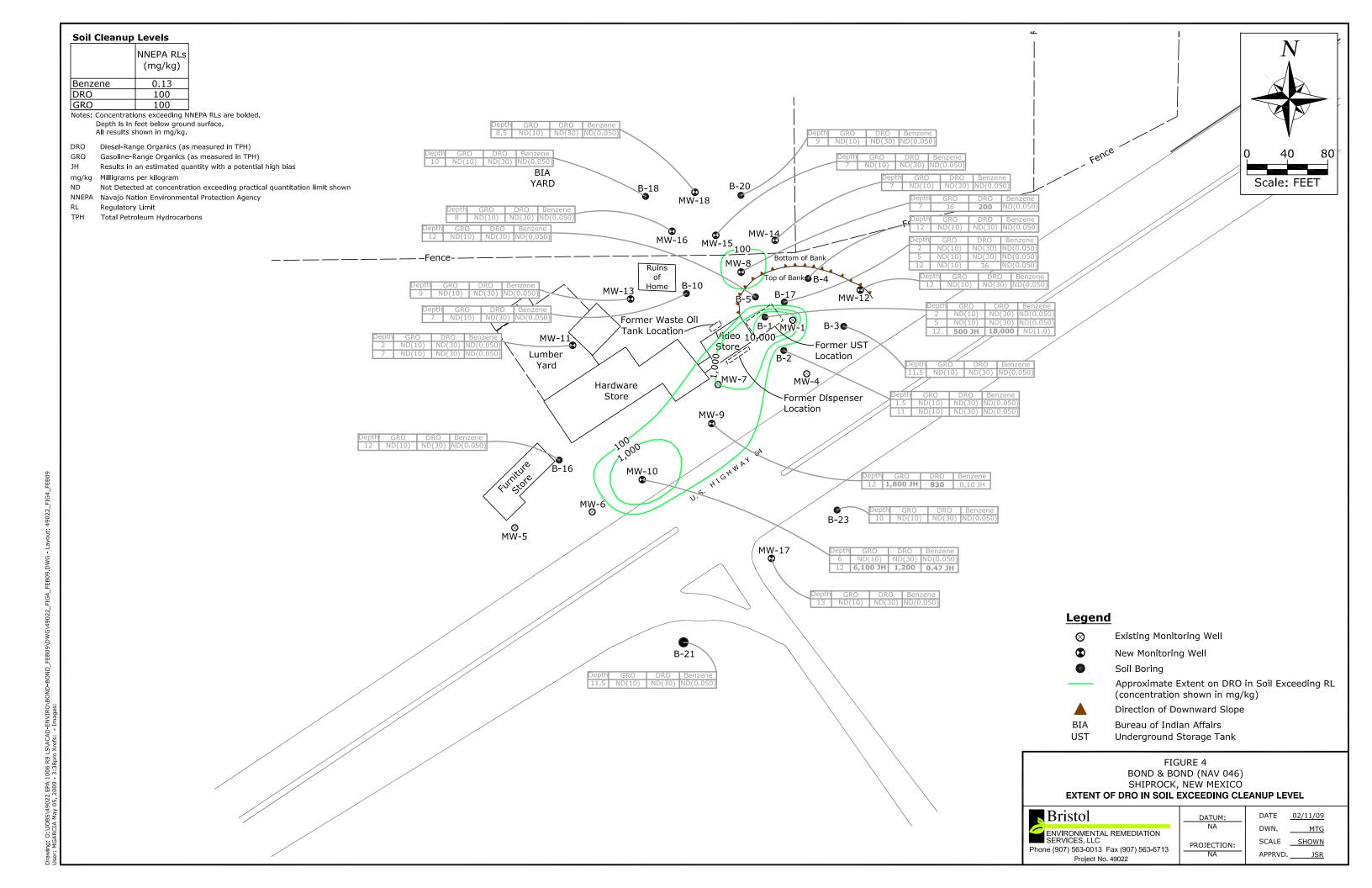
Figures

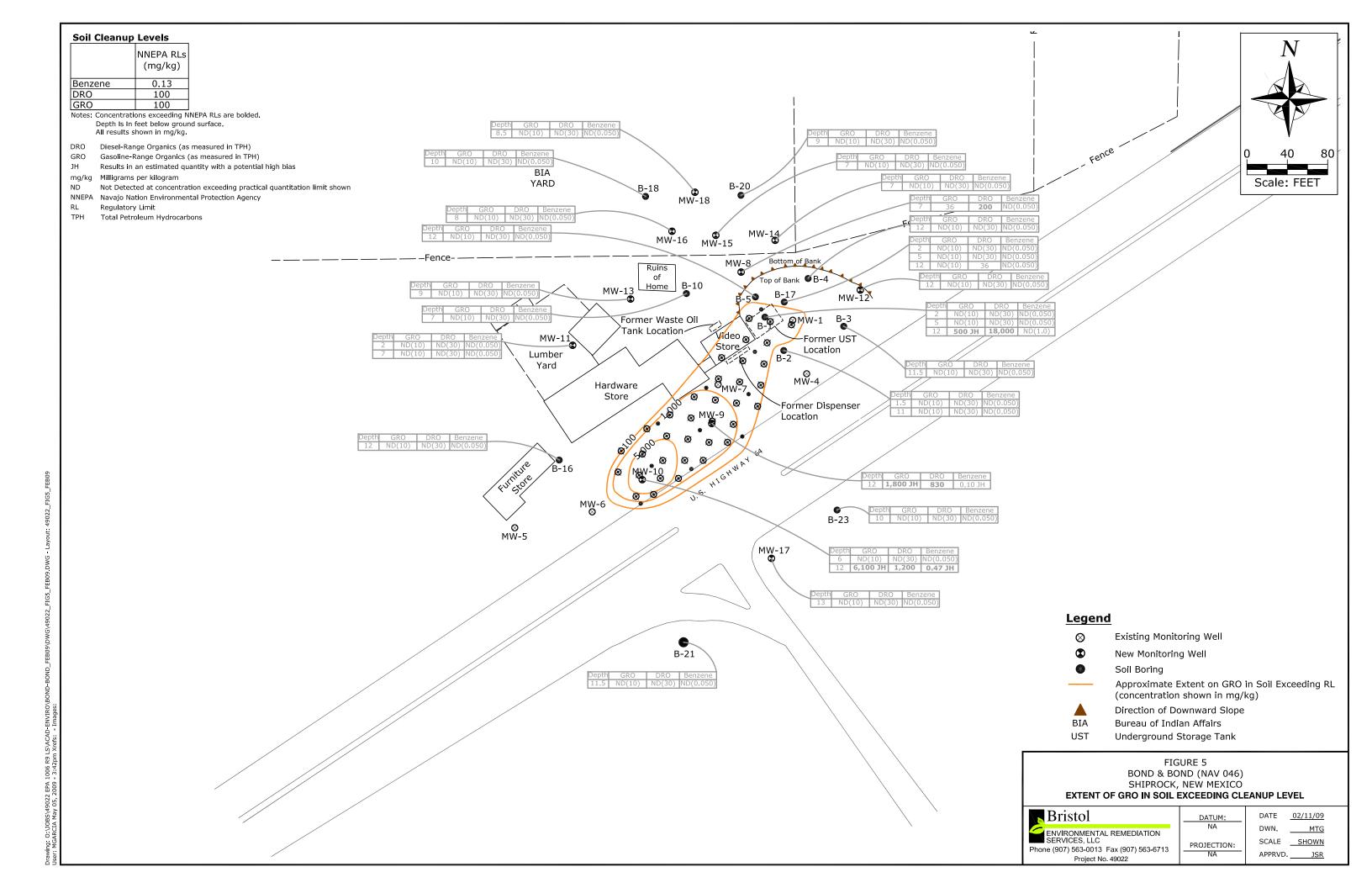
Figure 1	Site Location
Figure 2	Site Map
Figure 3	Soil Analytical Results
Figure 4	Extent of DRO in Soil Exceeding Cleanup Level
Figure 5	Extent of GRO in Soil Exceeding Cleanup Level
Figure 6	Extent of Benzene in Soil Exceeding Cleanup Level
Figure 7	December 2008 Groundwater Elevations and Contours
Figure 8	December 2008 Groundwater Analytical Results
Figure 9	Extent of GRO in Groundwater Exceeding Cleanup Level
Figure 10	Extent of DRO in Groundwater Exceeding Cleanup Level
Figure 11	Cross Section A-A'
Figure 12	Cross Section B-B'

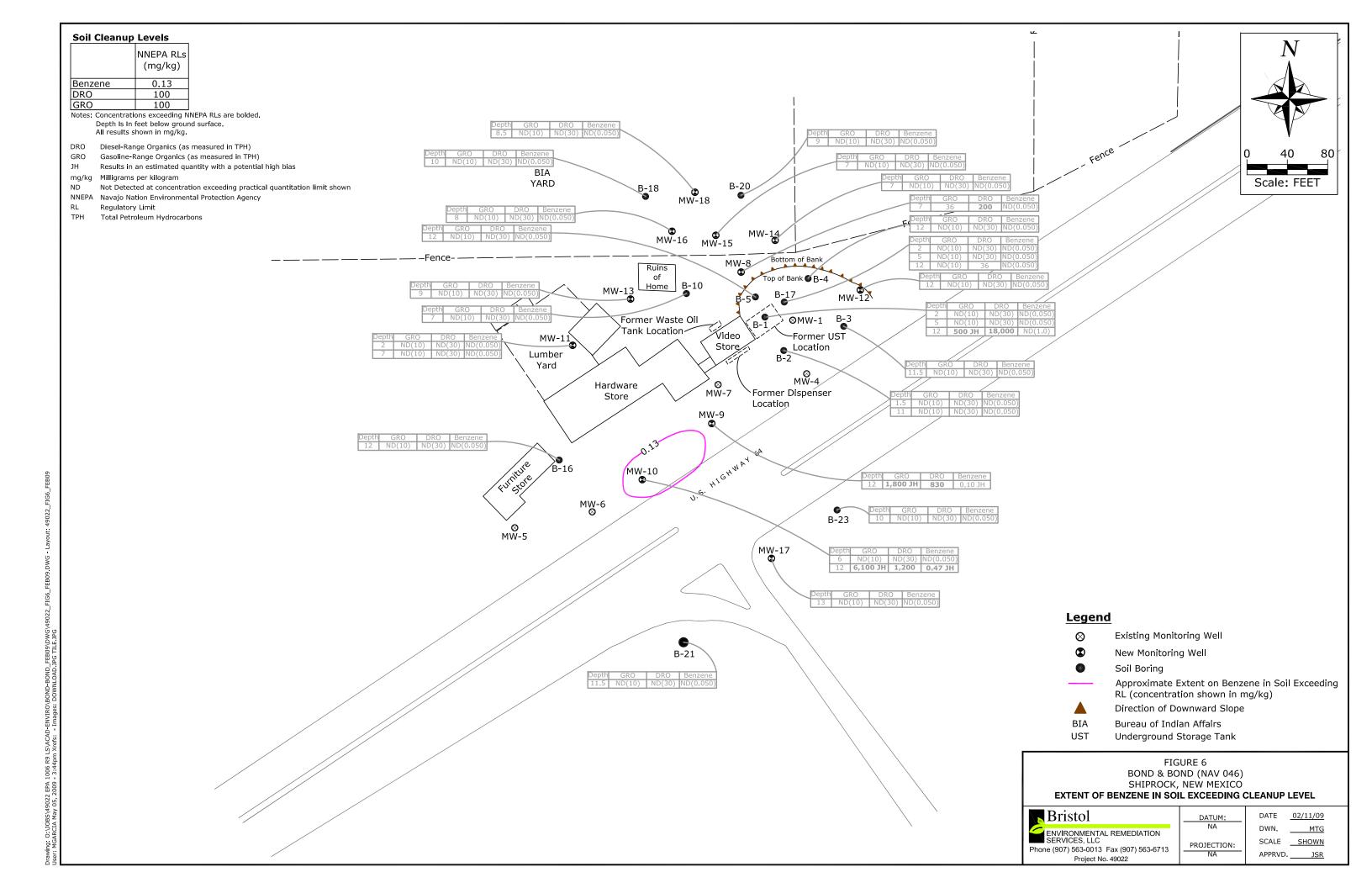
DrawIng: 0:\JOBS\49022 EPA 1006 R9 LS\ACAD-ENVIRO\BOND-BOND FEB09\DWG\49022_FIG1_FEB09.DWG - Layout: 49022_FIG1_FEB09 User: MGARCIA May 05, 2009 - 3:28pm Xrefs: - Images: 47285631.TIF SHIPROCK_NM_COLLARLESS_24K.TIF

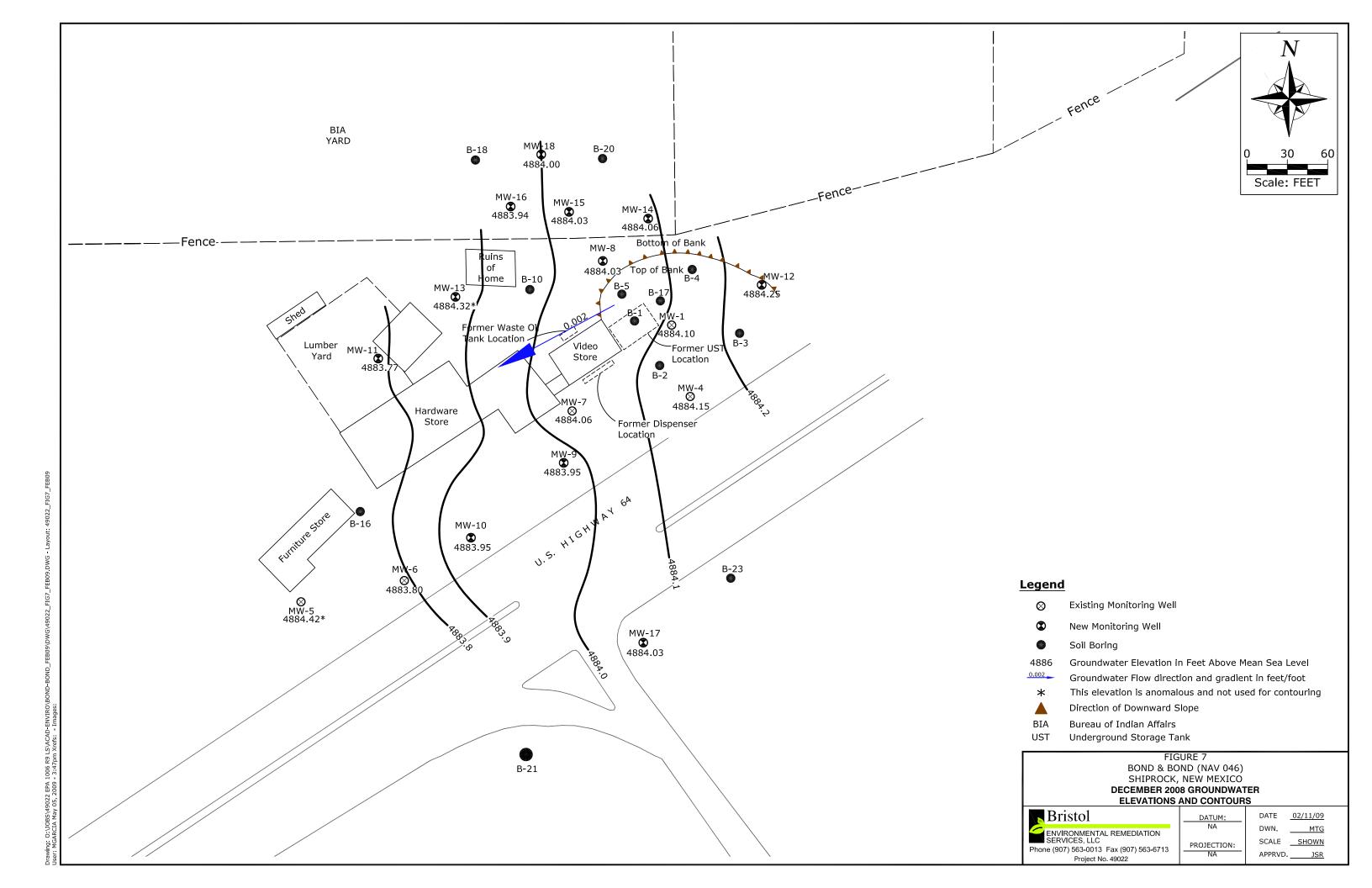


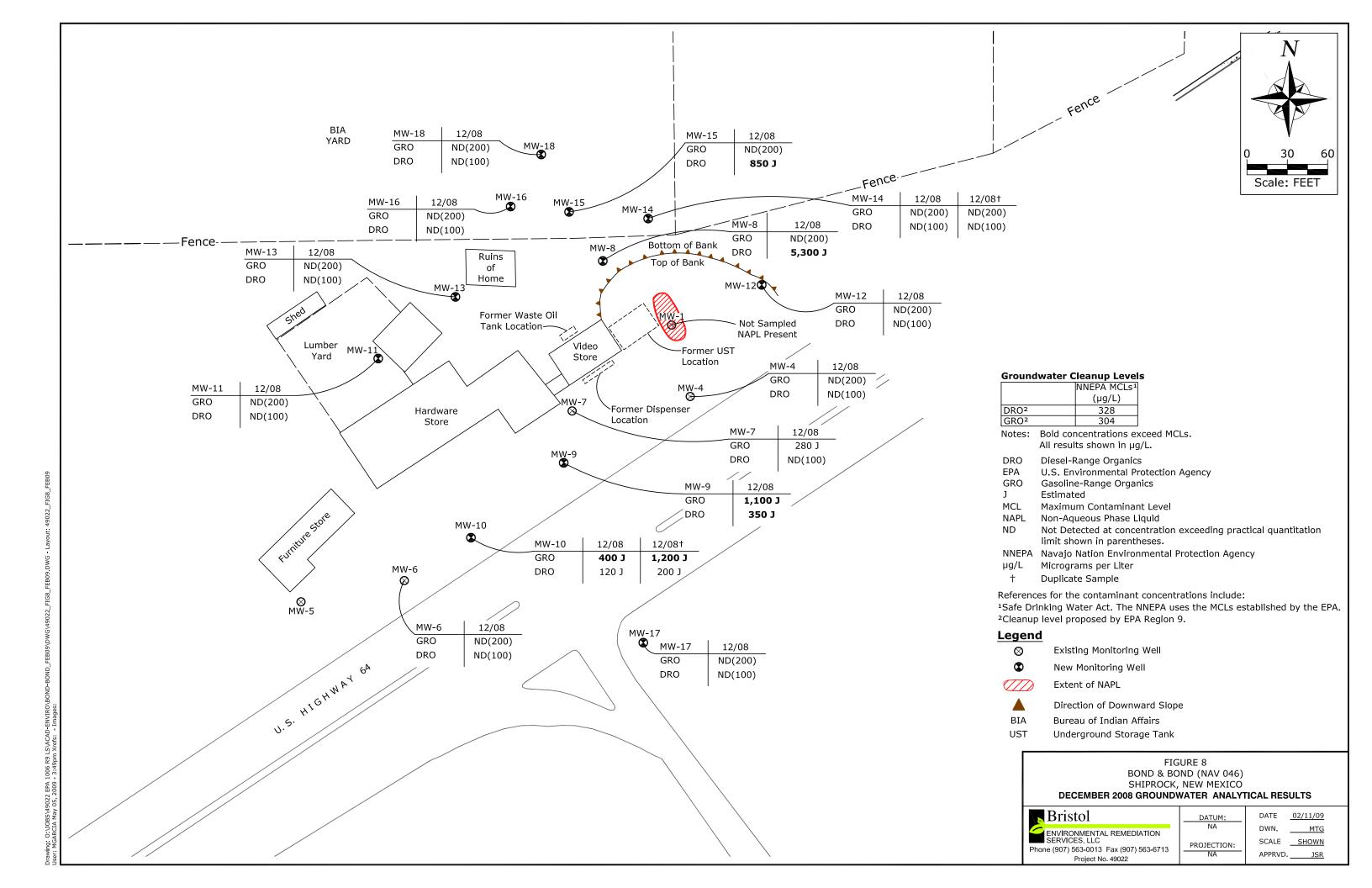


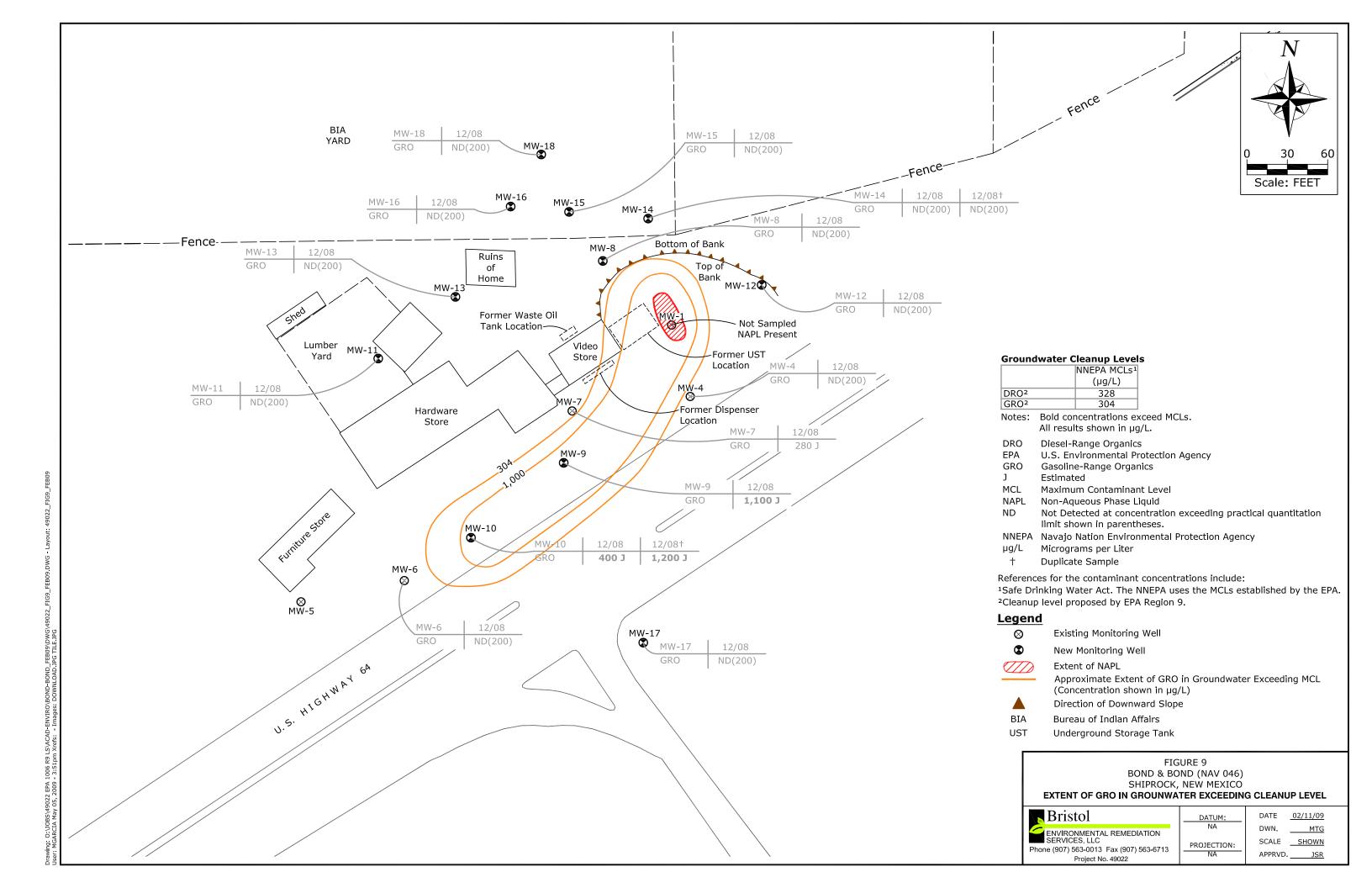


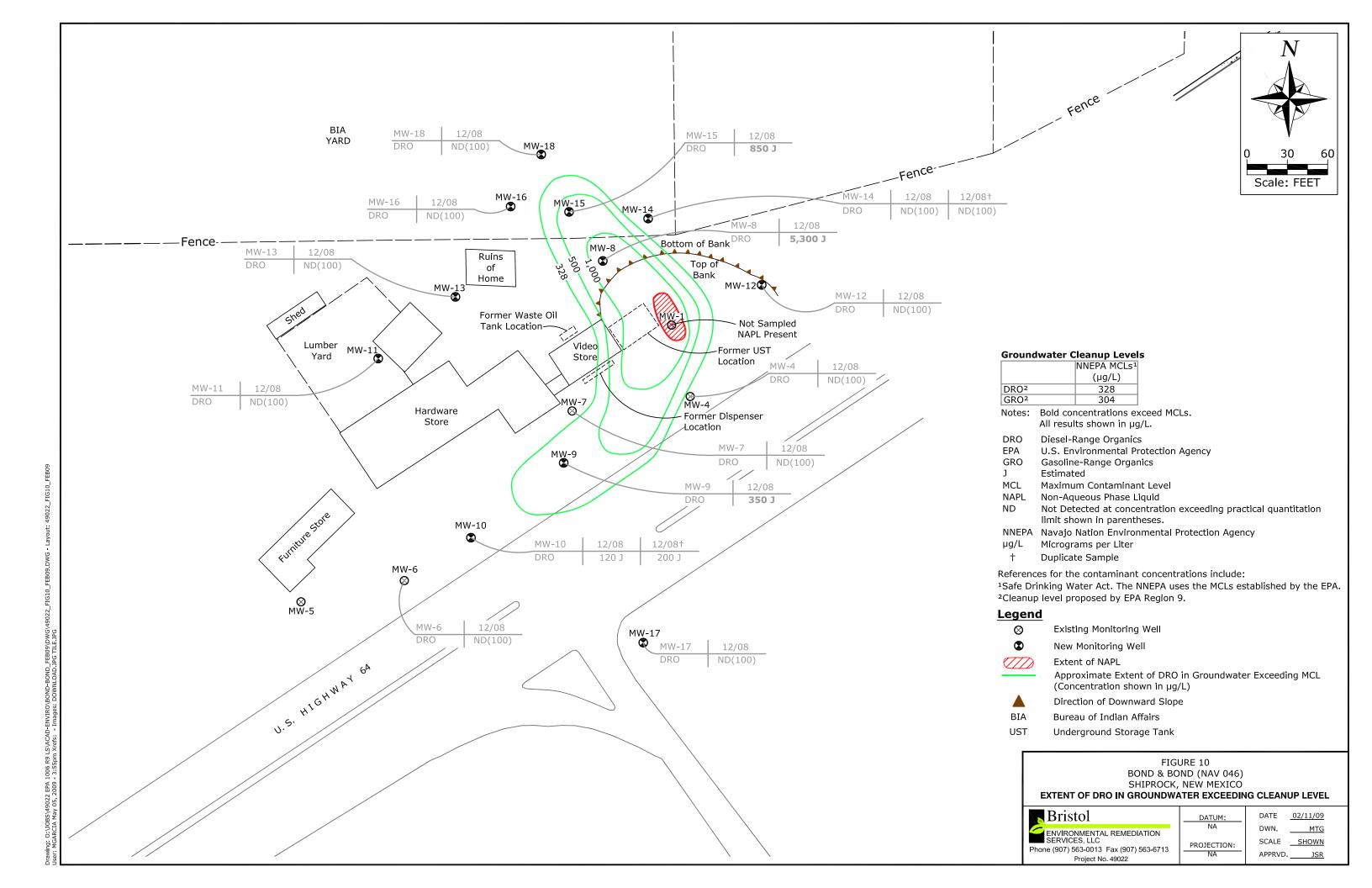


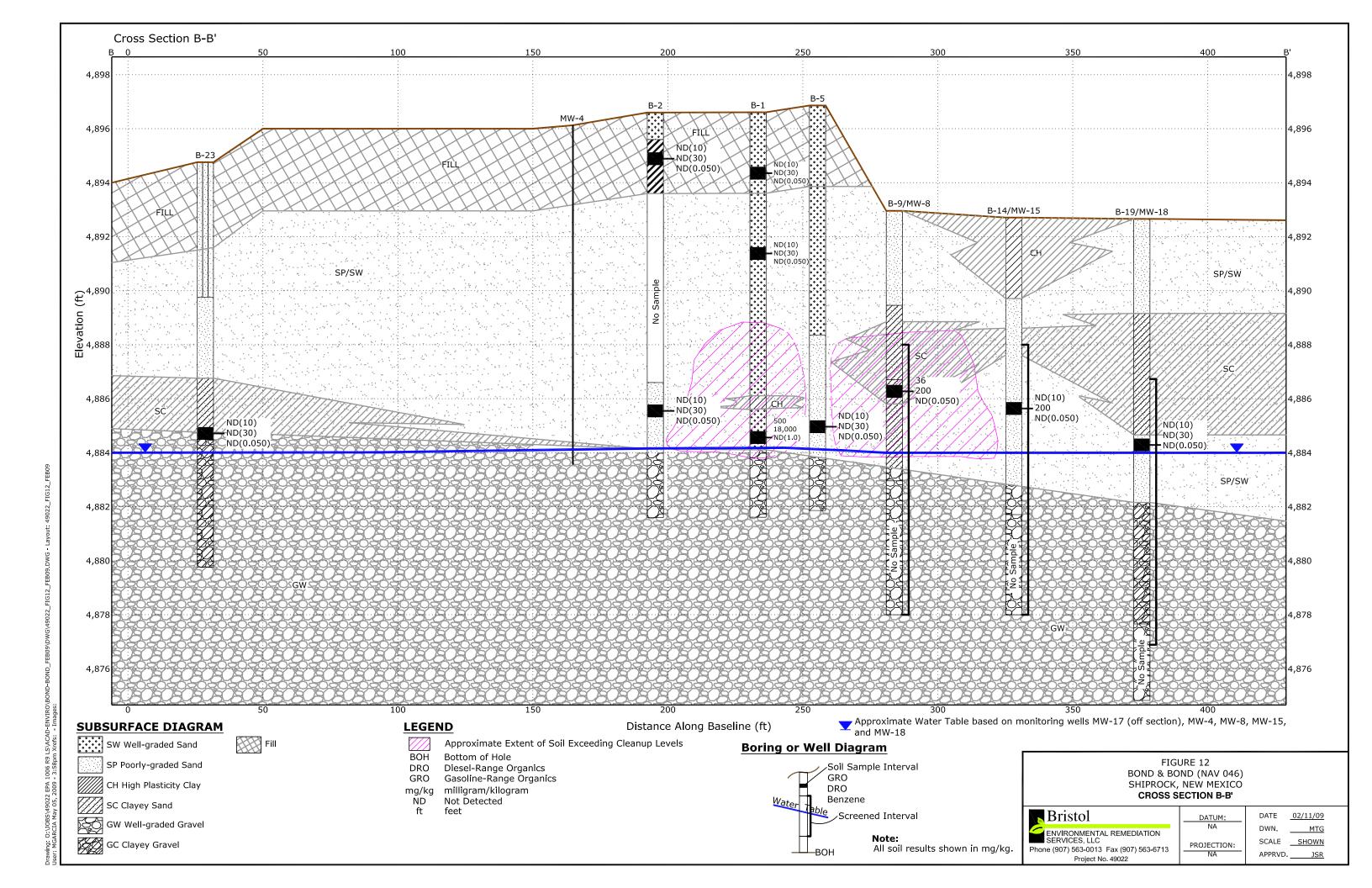












ATTACHMENT 2

Tables

Table 1	Static Water Levels
Table 2	Current and Historical Groundwater Analytical Results
Table 3	November 2008 Groundwater Screening Results
Table 4	Soil Analytical Results

Table 1 Static Water Level Measurements Bond & Bond (NAV 046)

Well Name	TOC Elevation (feet above MSL)	Measurement Date	Depth to NAPL (feet)	Depth to Water (feet)	NAPL Thickness (feet)	SWL Elevation (feet above MSL)
		6/16/2003		11.35		4884.91
MW-1	4896.26	5/21/2008	NR	10.78	NR	4885.48
10100-1	4090.20	9/2/2008		10.39		4885.87
		12/5/2008	12.15	12.18	0.03	4884.10*
		6/16/2003		10.96		4884.99
MW-4	4895.95	5/21/2008		10.39		4885.56
10100-4	4695.95	9/2/2008		11.81		4884.14
		12/5/2008		11.80		4884.15
		6/16/2003		11.90		4882.56
MW-5	4894.46	9/2/2008		10.35		4884.11
		12/5/2008		10.04		4884.42
		6/16/2008		10.63		4884.52
MW-6	4895.15	5/21/2008		9.93		4885.22
IVIVV-O	4095.15	9/2/2008		11.32		4883.83
		12/5/2008		11.35		4883.80
		5/21/2008		10.81		4885.40
MW-7	4896.21	9/2/2008		13.22		4882.99
		12/5/2008		12.15		4884.06
MW-8	4895.26	9/2/2008		11.27		4883.99
IVIVV-O	4695.20	12/5/2008		11.23		4884.03
MW-9	4895.85	9/2/2008		11.98		4883.87
10100-9	4095.05	12/5/2008		11.90		4883.95
MW-10	4895.22	9/2/2008		11.24		4883.98
10100-10	4095.22	12/5/2008		11.27		4883.95
MW-11	4891.59	9/2/2008		7.85		4883.74
10100-11	4091.59	12/5/2008		7.82		4883.77
MW-12	4896.17	9/2/2008		11.96		4884.21
10100-12	4090.17	12/5/2008		11.92		4884.25
MW-13	4895.65	9/2/2008		11.28		4884.37
10100-13	4093.03	12/5/2008		11.33		4884.32
MW-14	4892.09	9/2/2008		8.02		4884.07
10100-14	7032.03	12/5/2008		8.03		4884.06
MW-15	4892.76	9/2/2008		8.73		4884.03
10100-13	4032.70	12/5/2008		8.73		4884.03
MW-16	4892.71	9/2/2008		8.75		4883.96
10100-10	7032.71	12/5/2008		8.77		4883.94
MW-17	4895.15	12/5/2008		11.12		4884.03
MW-18	4892.66	12/5/2008		8.66		4884.00

Notes:

MSL = mean sea level

NAPL = non-aqueous phase liquid

NR = not recorded

SWL = static water level TOC = top of casing

^{-- =} not applicable (NAPL not present in well)

^{* =} SWL elevation corrected for NAPL using factor of 0.8

Table 2 Current and Historical Groundwater Analytical Results Bond & Bond (NAV 046)

	Sample	Sample	GR	.0	DR	0	Ben	zene	Tolu	ene	Ethylbe	enzene	Total X	ylenes	EI	OB	MT	BE	Le	ad
Location	Identification	Date	(µg	,	(µg/	,		g/L)	(µg	,	(µg		(µg			g/L)		J/L)	(mg	
	Identification	Date	Result	PQL	Result	PQL	Result	PQL	Result	PQL	Result	PQL	Result	PQL	Result	PQL	Result	PQL	Result	PQL
	NNEPA MCL ¹		304*		328*		5		1,000		700		10,000		0.05		12**		0.015	
		6/16/2003					ND	1.0	ND	1.0	ND	1.0	ND	1.0	ND	1.0	ND	1.0	-	-
MW-1	MW-1	8/12/2005																		
		5/21/2008								Not	Sampled,	NAPL Pres	sent							
		12/5/2008																		
		6/16/2003					ND	1.0	ND	1.0	ND	1.0	ND	1.0	ND	1.0	ND	1.0		-
MW-4	MW-4	8/15/2005					ND	0.5	ND	0.5	ND	0.5	ND	1.0		- 0.0400	ND	1.0	ND	0.010
		5/21/2008	ND	200	ND UJL	110	ND	0.50	ND	0.50	ND	0.50	32.1	1.5	ND	0.0199	ND	2.0	ND	0.010
ļ		12/5/2008	ND	200	ND	100	ND	0.50	ND	2.0	ND	2.0	ND	3.0	ND	0.0096	ND	2.0		-
		6/16/2003					ND	1.0	ND	1.0	1.74	1.0	1.9	1.0	ND	1.0	ND	1.0	-	-
MW-5	MW-5	8/15/2005									lat Camula	-I .W-II D	_							
		5/21/2008 12/5/2008								r	Not Sample	ea, well Dr	y							
		6/16/2003					1.38	1.0	ND	1.0	1.86	1.0	ND	1.0	ND	1.0	ND	1.0	_	_
		8/15/2005					ND	0.5	ND	0.5	ND	0.5	ND	1.0		-	ND	1.0	ND	0.010
MW-6	MW-6	5/21/2008	ND	200	220 JL	100	ND	0.50	ND	0.50	ND	0.50	ND	1.5	ND	0.0199	ND	2.0	ND	0.010
		12/5/2008	ND	200	ND	100	ND	0.50	ND	2.0	ND	2.0	ND	3.0	ND	0.0095	ND	2.0	†	-
		8/15/2005				ı	3.3	0.5	3.5	0.5	1,120	0.5	675.6	1.0			2.8	1.0	ND	0.010
NAVA / 7	MW-7	5/21/2008	1,900	200	1,100 JL	570	1.2	0.50	3.2	0.50	130	0.50	6.5	1.5	ND	0.0201	ND	2.0	ND	0.010
MW-7	MW-7 DUP [†]	5/21/2008	2,100	800	840 JL	530	1.1	0.50	3.3	0.50	110	0.50	5.8	1.5	ND	0.0199	ND	2.0	ND	0.010
	MW-7	12/5/2008	280 J	200	ND	100	ND	0.50	ND	2.0	21	2.0	ND	3.0	ND	0.0096	ND	2.0	-	-
MW-8	MW-8	9/2/2008	1,000 JH	200	19,000 JL	1,200	ND	0.50	ND	2.0	ND	2.0	ND	3.0	ND	0.0209	ND	2.0	ND	0.010
10100-0	IVIVV-0	12/5/2008	ND	200	5,300 J	100	ND	0.50	ND	2.0	ND	2.0	ND	3.0	ND	0.0096	ND	2.0	-	-
MW-9	MW-9	9/2/2008	2,800 JH	1,000	850 JL	120	ND	5.0	ND	20	250	20	85	30	ND	0.0200	ND	20	ND	0.010
10100-9	ועועע-פ	12/5/2008	1,100 J	1,000	350 J	100	ND	0.50	ND	2.0	92	10	8.4	3.0	ND	0.0096	ND	2.0	-	-
	MW-10	9/2/2008	4,900 JH	1,000	400 JL	110	ND	0.50	ND	2.0	5.3	2.0	ND	3.0	ND	0.0205	ND	2.0	ND	0.010
MW-10		12/5/2008	400 J	400	120 J	100	ND	0.50	ND	2.0	ND	2.0	ND	3.0	ND	0.0095	ND	2.0	-	-
	MW-21 [†]	12/5/2008	1,200 J	200	200 J	100	ND	0.50	ND	2.0	ND	2.0	ND	3.0	ND	0.0100	ND	2.0	-	-

Table 2 Current and Historical Groundwater Analytical Results Bond & Bond (NAV 046)

											•									
	Sample	Sample	GF	RO	DR	0	Benz	zene	Tolu	ene	Ethylb	enzene	Total X	ylenes	El	DB	MT	BE	Le	ad
Location	Identification	Date	(µg	/L)	(µg/	L)	(ին	_J /L)	(µg	/L)	(µg	_J /L)	(µg	/L)	(þí	g/L)	(µg	/L)	(mg	g/L)
	identification	Date	Result	PQL	Result	PQL	Result	PQL	Result	PQL	Result	PQL	Result	PQL	Result	PQL	Result	PQL	Result	PQL
	NNEPA MCL ¹		304*		328*		5		1,000		700		10,000		0.05		12**		0.015	
MW-11	MW-11	9/2/2008	ND	200	150 JL	110	ND	0.50	ND	2.0	ND	2.0	ND	3.0	ND	0.0203	ND	2.0	ND	0.010
10100-11	10100-11	12/5/2008	ND	200	ND	100	ND	0.50	ND	2.0	ND	2.0	ND	3.0	ND	0.0096	ND	2.0	_	-
MW-12	MW-12	9/2/2008	ND	200	ND UJL	110	ND	0.50	ND	2.0	ND	2.0	ND	3.0	ND	0.0201	ND	2.0	ND	0.010
10100-12	IVIVV-IZ	12/5/2008	ND	200	ND	100	ND	0.50	ND	2.0	ND	2.0	ND	3.0	ND	0.0096	ND	2.0	-	-
MW-13	MW-13	9/2/2008	ND	200	ND UJL	120	ND	0.50	ND	2.0	ND	2.0	ND	3.0	ND	0.0200	ND	2.0	ND	0.010
10100-13	10100-12	12/5/2008	ND	200	ND	100	ND	0.50	ND	2.0	ND	2.0	ND	3.0	ND	0.0097	ND	2.0	-	-
	MW-14	9/2/2008	ND	200	180 JL	100	ND	0.50	ND	2.0	ND	2.0	ND	3.0	ND	0.0203	ND	2.0	ND	0.010
MW-14	10100-14	12/5/2008	ND	200	ND	100	ND	0.50	ND	2.0	ND	2.0	ND	3.0	ND	0.0095	ND	2.0	-	
	MW-22 [†]	12/5/2008	ND	200	ND	100	ND	0.50	ND	2.0	ND	2.0	ND	3.0	ND	0.0096	ND	2.0	-	-
MW-15	MW-15	9/2/2008	ND	200	5,700 JL	110	ND	0.50	ND	2.0	ND	2.0	ND	3.0	ND	0.0206	ND	2.0	ND	0.010
10100-15	10100-13	12/5/2008	ND	200	850 J	100	ND	0.50	ND	2.0	ND	2.0	ND	3.0	ND	0.0096	ND	2.0	_	-
MW-16	MW-16	9/2/2008	ND	200	340 JL	100	ND	0.50	ND	2.0	ND	2.0	ND	3.0	ND	0.0208	ND	2.0	ND	0.010
10100-10	10100-10	12/5/2008	ND	200	ND	100	ND	0.50	ND	2.0	ND	2.0	ND	3.0	ND	0.0096	ND	2.0	-	-
MW-17	MW-17	12/5/2008	ND	200	ND	100	ND	0.50	ND	2.0	ND	2.0	ND	3.0	ND	0.0096	ND	2.0	-	-
MW-18	B-19-W	11/17/2008	-	-	150	110	-	-	-	=	-	-	-	-		-	-	-	-	-
IVIVV-10	MW-18	12/5/2008	ND	200	ND	100	ND	0.50	ND	2.0	ND	2.0	ND	3.0	ND	0.0095	ND	2.0	-	-
B-18	B-18-W	11/17/2008	-	-	180	100	-	-	-	-	-	-	-	-			-	-	-	-
B-20	B-20-W	11/17/2008	-	-	190	110	-	-	-	-			-	_		-	-	-	-	

Notes:

Analytical laboratory was Columbia Analytical Services, Inc.

Bold values exceed NNEPA MCLs.

¹Safe Drinking Water Act. The NNEPA uses the MCLs established by the EPA.

- * = NNEPA has no established MCL for diesel or gasoline-range organics. The associated values are cleanup levels proposed by EPA Region 9.
- ** = NNEPA has no established MCL for methyl tertiary-butyl ether. The associated value is an EPA Region 9 preliminary remediation goal.
- -- = not analyzed

μg/L = micrograms per liter

† = indicates duplicate sample

DRO = diesel-range organics

EDB = 1,2-dibromoethane

EPA = U.S. Environmental Protection Agency

GRO = gasoline-range organics

J = the associated value is an estimated quantity

JH = the associated result is an estimated quantity with a potential high bias

JL = the associated result is an estimated quantity with a potential low bias

MCL = maximum contaminant level

mg/L = milligrams per liter

MTBE = methyl tertiary-butyl ether

NAPL = non-aqueous phase liquid

ND = not detected (practical quantitation limit provided in parenthesis)

NNEPA = Navajo Nation EPA

PQL = practical quantitation limit

UJL = the associated result is an estimated non-detect with a potential low bias

Table 3 November 2008 Groundwater Screening Results
Bond & Bond (NAV 046)

	В	oring/Mo	onitoring Well:	B-1	B-2	B-3	B-4	B-5	B-6 (MW-12)	B-7 (MW-9)	B-8 (MW-10)	B-9 (MW-8)	B-10	B-11 (MW-13)	B-12 (MW-11)
		Fie	eld Sample ID:	B-1-GW	B-2-GW	B-3-GW	B-4-GW	B-5-GW	B-6-GW	B-7-GW	B-8-GW	B-9-GW	B-10-GW	B-11-GW	B-12-GW
Parameter	Method	Units	NNEPA MCL'												
Petroleum Hydrocarbons															
Gasoline-range Organics	SW8021B	μg/L	304*	16,000	23,000	16,000	ND (200)	36,000	ND (200)	31,000	11,000	19,000	5,100	ND (200)	ND (200)
Diesel-range Organics	SW8015	μg/L	328*	28,000	5,200	ND (3,000)	ND (3,000)	6,300	ND (3,000)	ND (3,000)	ND (3,000)	ND (3,000)	5,500	ND (3,000)	ND (3,000)
Volatile Organic Compound	ds														
Benzene	SW8260B	μg/L	5	ND (1.0)	ND (20)	ND (50)	ND (1.0)	ND (50)	ND (1.0)	ND (50)	ND (20)	ND (20)	ND (5.0)	ND (1.0)	ND (1.0)
Ethylbenzene	SW8260B	μg/L	700	ND (2.0)	ND (40)	ND (100)	ND (2.0)	ND (100)	ND (2.0)	480	51	ND (40)	ND (10)	ND (2.0)	ND (2.0)
МТВЕ	SW8260B	μg/L	12**	ND (4.0)	ND (80)	ND (200)	ND (4.0)	ND (200)	ND (4.0)	ND (200)	ND (80)	ND (80)	ND (20)	ND (4.0)	ND (4.0)
Toluene	SW8260B	μg/L	1,000	ND (2.0)	ND (40)	ND (100)	ND (2.0)	ND (100)	ND (2.0)	ND (100)	ND (40)	ND (40)	ND (10)	ND (2.0)	ND (2.0)
Xylenes, Total	SW8260B	μg/L	10,000	3.3	ND (60)	ND (150)	ND (3.0)	ND (150)	ND (3.0)	ND (150)	ND (60)	ND (60)	ND (15)	ND (3.0)	ND (3.0)

	В	oring/M	onitoring Well:	B-13 (MW-14)	B-14 (MW-15)	B-15 (MW-16)	B-16	B-17	B-18	B-19 (MW-18)	B-20	B-21	B-22 (MW-17)	B-23
		Fi	eld Sample ID:	B-13-GW	B-14-GW	B-15-GW	B-16-GW	B-17-GW	B-18-W	B-19-W	B-20-W	B-21-W	B-22-W	B-23-W
Parameter	Method	Units	NNEPA MCL ¹											
Petroleum Hydrocarbons														
Gasoline-range Organics	SW8021B	μg/L	304*	ND (200)	ND (200)	ND (200)	ND (200)	20,000	ND (200)	ND (200)	ND (200)	ND (200)	ND (200)	ND (200)
Diesel-range Organics	SW8015	μg/L	328*	ND (3,000)	ND (3,000)	ND (3,000)	ND (3,000)	13,000	ND (3,000)	ND (3,000)	ND (3,000)	ND (3,000)	ND (3,000)	ND (3,000)
Volatile Organic Compounds														
Benzene	SW8260B	μg/L	5	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (50)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Ethylbenzene	SW8260B	μg/L	700	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (100)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
MTBE	SW8260B	μg/L	11**	ND (4.0)	ND (4.0)	ND (4.0)	ND (4.0)	ND (200)	ND (4.0)	ND (4.0)	ND (4.0)	ND (4.0)	ND (4.0)	ND (4.0)
Toluene	SW8260B	μg/L	1,000	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (100)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Xylenes, Total	SW8260B	μg/L	10,000	ND (3.0)	ND (3.0)	ND (3.0)	ND (3.0)	ND (150)	ND (3.0)	ND (3.0)	ND (3.0)	ND (3.0)	ND (3.0)	ND (3.0)

Notes:

Screening performed by mobile laboratory operated by Columbia Analytical Services, Inc.

Results are field-screening values only and have not been verified.

Bold values exceed NNEPA MCLs.

 μ g/L = micrograms per liter

EPA = U.S. Environmental Protection Agency

ID = identification number

MCL = maximum contaminant level

MTBE = methyl tertiary-butyl ether

ND = not detected (practical quantitation limit provided in parenthesis)

NNEPA = Navajo Nation EPA

SW = Solid Waste Method (EPA)

¹Safe Drinking Water Act. The NNEPA uses the MCLs established by the EPA.

^{* =} NNEPA has no established MCL for diesel or gasoline-range organics. The associated values are cleanup levels proposed by EPA Region 9.

^{** =} NNEPA has no established MCL for methyl tertiary-butyl ether. The associated value is an EPA Region 9 preliminary remediation goal.

Table 4 - Soil Analytical Results Bond & Bond (NAV 046)

			Boring:	<u> </u>	B-1			B-2		B-3	B-4	B-5	B-6 (MW-12)	B-7 (MW-9)	B-8 (M	IW-10)
		De	epth (ft bgs):	2	5	12	1.5		11	11.5	12	12	12	12	6	12
			d Sample ID:	B-1-2	B-1-5	B-1-12	B-2-1-5	B-2-5	B-2-11 [†]	B-3-11-5	B-4-12	B-5-12	B-6-12	B-7-12	B-8-6	B-8-12
Parameter	Method		NNEPA RL	3.2	5.0	32	32.0	320	32	20110	2 1 12	2 0 12	20.2	5 , 12	200	2 0 12
Petroleum Hydrocarbons	<u> </u>			<u> </u>					•			<u> </u>				
Gasoline-range Organics	SW8021B	mg/kg	100	ND (10)	ND (10)	500 JH	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	1,800 JH	ND (10)	6,100 JH
Diesel-range Organics	8015AZ	mg/kg	100	ND (30)	ND (30)	18,000	ND (30)	ND (30)	ND (30)	ND (30)	ND (30)	ND (30)	ND (30)	830	ND (30)	1,200
Volatile Organic Compou	nds			<u> </u>	<u> </u>	·	, ,	` '	· · · ·	<u> </u>	` , , , , , , , , , , , , , , , , , , ,	•	` ` `		· , , ,	
Benzene	SW8021B	mg/kg	0.13	ND (0.050)	ND (0.050)	ND (1.0)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	0.10 JH	ND (0.050)	0.47 JH
Ethylbenzene	SW8021B	mg/kg	200	ND (0.10)	ND (0.10)	ND (2.0)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	4.8 JH	ND (0.10)	1.8 JH
MTBE	SW8021B	mg/kg	32*	ND (0.20)	ND (0.20)	ND (4.0)	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)	0.39 JH	ND (0.20)	ND (0.20)
Toluene	SW8021B	mg/kg	68	ND (0.10)	ND (0.10)	ND (2.0)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	0.73 JH	ND (0.10)	0.37 JH
Xylenes, total	SW8021B	mg/kg	44	ND (0.15)	ND (0.15)	ND (3.0)	ND (0.15)	ND (0.15)	ND (0.15)	ND (0.15)	ND (0.15)	ND (0.15)	ND (0.15)	5.1 JH	ND (0.15)	2.5 JH
Other Analytes																
Lead	SW6010B	mg/kg	150*	5.0	7.5	5.0	6.3	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	5.7	ND (5.0)	22	ND (5.0)	6.1
SVOCs	SW8270C	mg/kg	**	ND**	ND**	ND**	ND**	ND**	ND**	ND**	ND**	ND**	ND**	ND**	ND**	ND**
PCBs	SW8082	mg/kg	**	ND**	ND**	ND**	ND**	ND**	ND**	ND**	ND**	ND**	ND**	ND**	ND**	ND**
			Boring:	B-9 (MW-8)	B-10	B-11 (MW-13)	B-12 (N	ЛW-11)	B-13 (MW-14)	B-14 (l	MW-15)	B-15 (MW-16)	B-16		B-17	
		D	epth (ft bgs):	7	7	9	2	7	7		7	8	12	2	5	12
			d Sample ID:	B-9-7	B-10-7	B-11-9	B-12-2	B-12-7	B-13-7	B-14-7	B-15-2 [†]	B-15-8	B-16-12	B-17-2	B-17-5	B-17-12
Parameter	Method	Units	NNEPA RL													
Petroleum Hydrocarbons																
Gasoline-range Organics	SW8021B	mg/kg	100	36	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)				
Diesel-range Organics	8015AZ	mg/kg	100	200	ND (30)	ND (30)	ND (30)	ND (30)	ND (30)	ND (30)	ND (30)	36				
Volatile Organic Compou																
Benzene	SW8021B	mg/kg	0.13	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)					
Ethylbenzene	SW8021B	mg/kg	200	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)					
MTBE	SW8021B	mg/kg	32*	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)					
Toluene	SW8021B	mg/kg	68	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)					
Xylenes, total	SW8021B	mg/kg	44	ND (0.15)	ND (0.15)	ND (0.15)	ND (0.15)	ND (0.15)	ND (0.15)	ND (0.15)	ND (0.15)					
Other Analytes																
Lead	SW6010B	mg/kg	150*	ND (5.0)	ND (5.0)	91	10	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	110	63	ND (5.0)
SVOCs PCBs	SW8270C SW8082	mg/kg mg/kg	**	ND** ND**	ND** ND**	ND** ND**	ND** ND**	ND** ND**	ND** ND**	ND** ND**	ND** ND**	ND** ND**	ND** ND**	ND** ND**	ND** ND**	ND** ND**

Table 4 - Soil Analytical Results Bond & Bond (NAV 046)

			Boring:	B-	18	B-19 (MW-18)	B-20	B-21	B-22 (MW-17)	B-23
		D	epth (ft bgs):	1	0	8.5	9	11.5	13	10
		Fie	ld Sample ID:	B-18-10	B-18-5 [†]	B-19-8-5	B-20-9	B-21-11-5	B-22-13	B-23-10
Parameter	Method	Units	NNEPA RL							
Petroleum Hydrocarbons										
Gasoline-range Organics	SW8021B	mg/kg	100	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Diesel-range Organics	8015AZ	mg/kg	100	ND (30)	ND (30)	ND (30)	ND (30)	ND (30)	ND (30)	ND (30)
Volatile Organic Compour	nds									
Benzene	SW8021B	mg/kg	0.13	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)
Ethylbenzene	SW8021B	mg/kg	200	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
MTBE	SW8021B	mg/kg	32*	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)
Toluene	SW8021B	mg/kg	68	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
Xylenes, total	SW8021B	mg/kg	44	ND (0.15)	ND (0.15)	ND (0.15)	ND (0.15)	ND (0.15)	ND (0.15)	ND (0.15)
Other Analytes										
Lead	SW6010B	mg/kg	150*							
SVOCs	SW8270C	mg/kg	**							
PCBs	SW8082	mg/kg	**							

Notes:

Bolded results exceed NNEPA RLs.

* = NNEPA has no established RL for MTBE or lead. The EPA Region 9 residential PRGs are listed instead.

-- = not analyzed

[†] = indicates duplicate sample

bgs = below ground surface

EPA = U.S. Environmental Protection Agency

ft = feet

ID = identification

mg/kg = milligrams per kilogram

MTBE = methyl tertiary-butyl ether

ND = not detected (PQL provided in parenthesis)

NNEPA = Navajo Nation Environmental Protection Agency

PCB = polychlorinated biphenyl

PQL = practical quantitation limit

RCRA = Resource Conservation and Recovery Act

RL = regulatory limit

SVOC = semivolatile organic compound SW = EPA Solid Waste Method

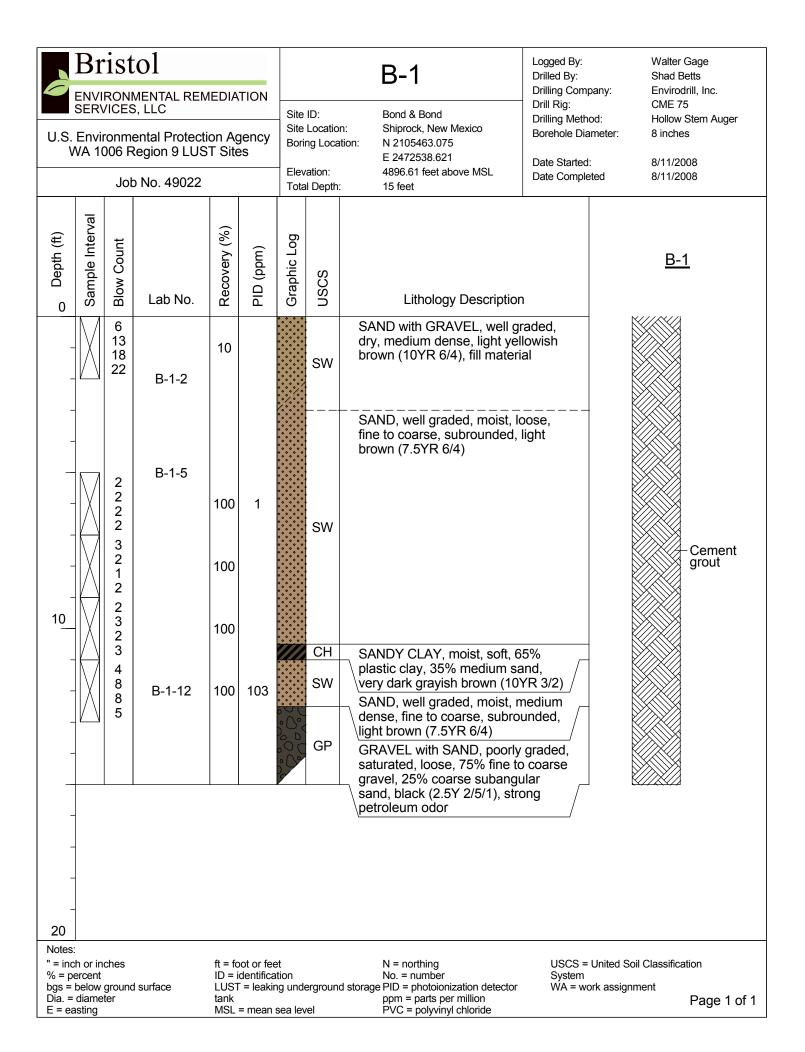
Data flags:

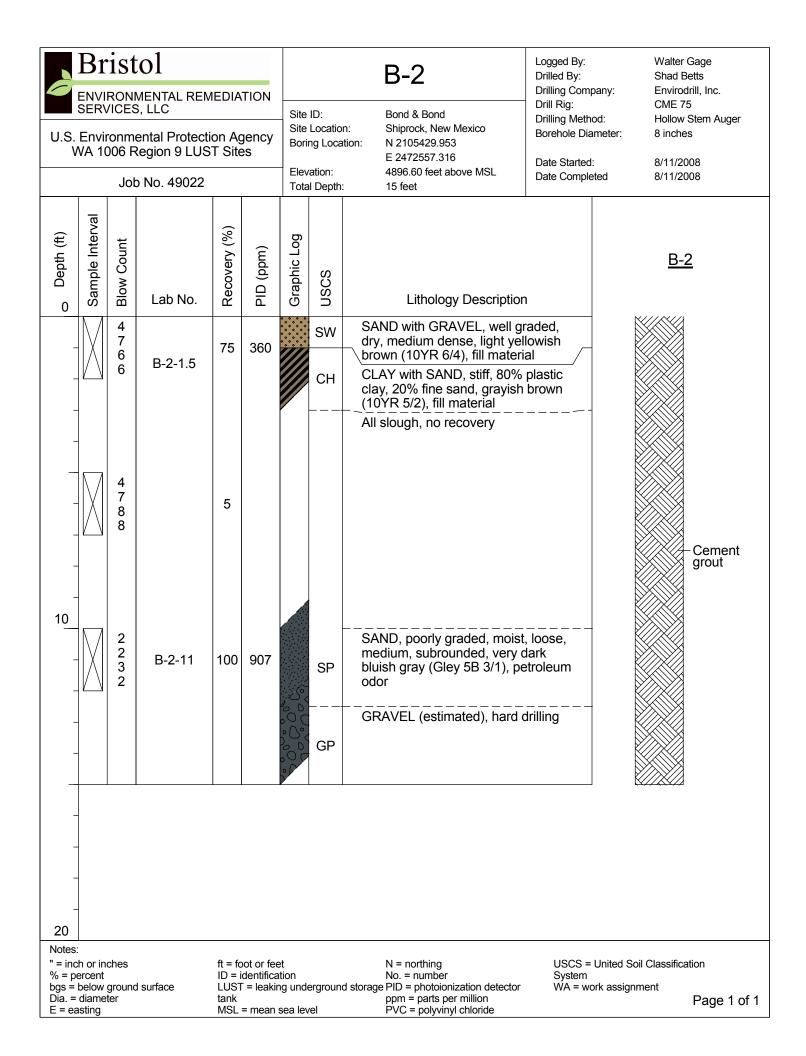
JH=the associated vaue is an estimated quantity with a potential high bias

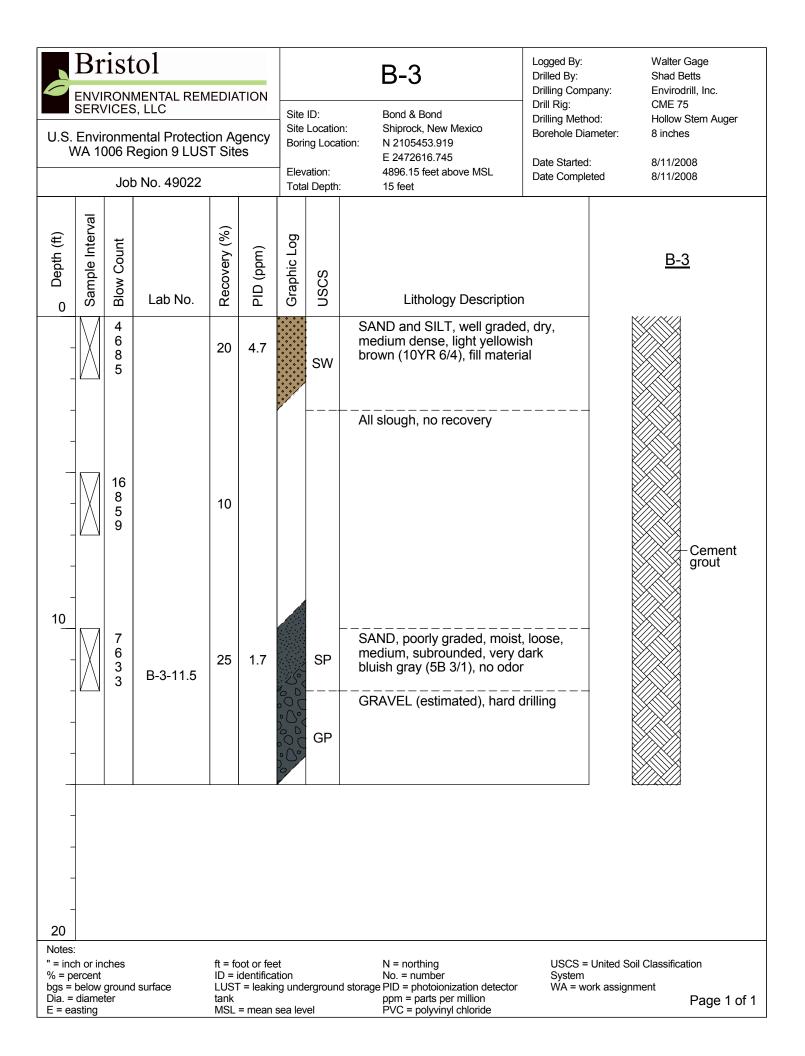
^{** =} Various cleanup levels and PQLs depending on specific analyte. See laboratory analytical report for details.

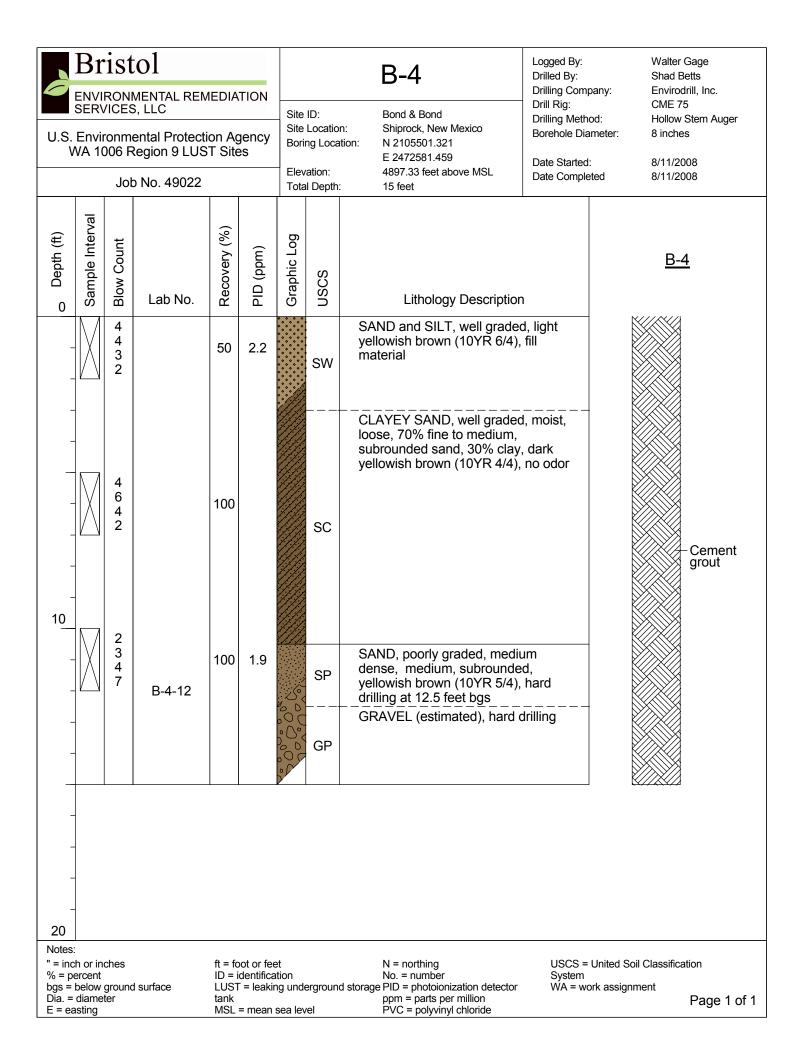
ATTACHMENT 3

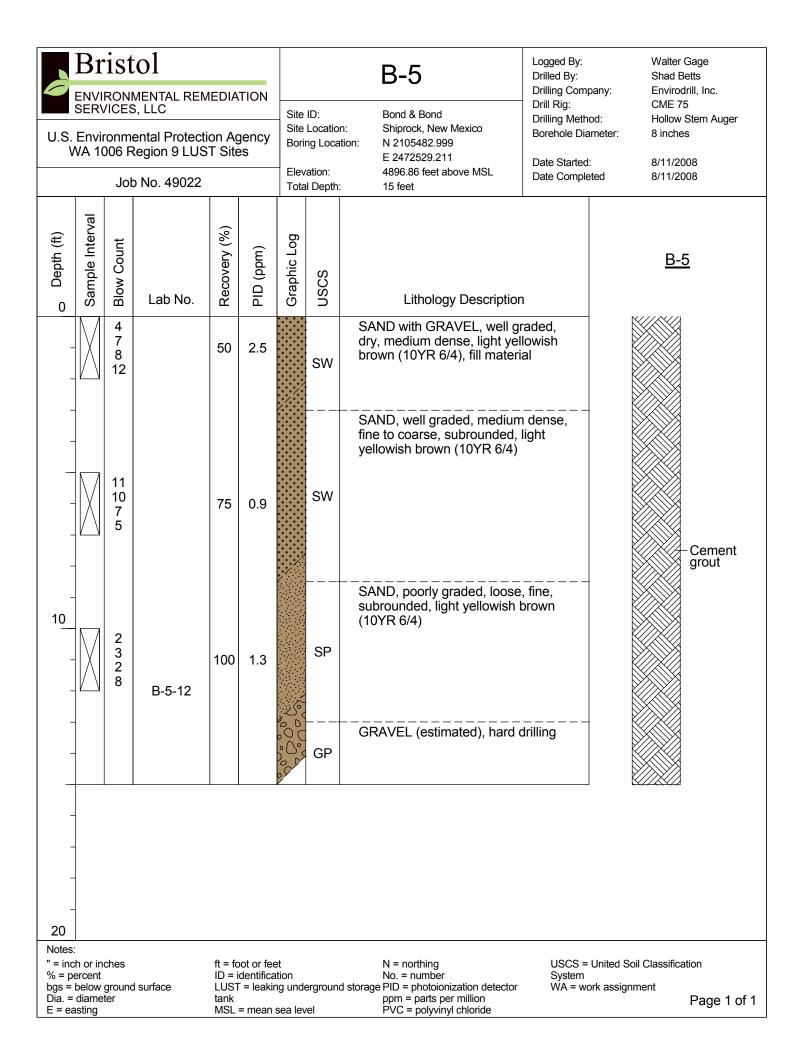
Soil Boring Logs













U.S. Environmental Protection Agency WA 1006 Region 9 LUST Sites

B-6/MW-12

Site ID: Site Location: Boring Location:

Bond & Bond Shiprock, New Mexico N 2105489.872 E 2472633.159

Logged By: Drilled By: Drilling Company: Drill Rig:

Drilling Method: Borehole Diameter: Walter Gage Shad Betts Envirodrill, Inc. **CME 75**

Hollow Stem Auger

8 inches

Date Started: 8/12/2008 Date Completed 8/13/2008

		Jok	No. 49022				ation: Il Depth	4896.17 feet above MSL 20 feet	Date Completed	8/13/2008
O Depth (ft)	Sample Interval	Blow Count	Lab No.	Recovery (%)	PID (ppm)	Graphic Log	nscs	Lithology Description	n	<u>MW-12</u>
-		2 2 2 2		50	2.7		SW	SAND with GRAVEL, well g dry, medium dense, light ye brown (10YR 6/4), fill mater	llowish	Flush Monument Locking Cap, 2" Dia. PVC Grout
-		3 5 4 4		100	3.8		SC	CLAYEY SAND, poorly grad loose, 85% fine subrounded 15% nonplastic clay, light ye brown (10YR 6/4), hard drill feet bgs	l sand, ellowish	Bentonite - 10-20 Silica Sand Filter Pack
- 1 <u>0</u>		2 2 4 9	B-6-12	75			SP	Hard drilling at 10 feet bgs SAND, poorly graded, satur loose, medium, subrounded reddish yellow (7.5YR 6/6),	l,	0.010" Slotted Screen, 2" Dia. PVC
- - - 20	-						GP	GRAVEL (estimated), hard	drilling	End Cap

Notes:

" = inch or inches % = percent

bgs = below ground surface

Dia. = diameter

E = easting

ft = foot or feet ID = identification

LUST = leaking underground storage PID = photoionization detector

MSL = mean sea level

N = northing No. = number

ppm = parts per million PVC = polyvinyl chloride

USCS = United Soil Classification System

WA = work assignment Page 1 of 1



U.S. Environmental Protection Agency WA 1006 Region 9 LUST Sites

B-7/MW-9

Site ID: Site Location: Boring Location:

Bond & Bond Shiprock, New Mexico N 2105357.602 E 2472485.953

Logged By: Drilled By: Drilling Company: Drill Rig:

Drilling Method: Borehole Diameter: Walter Gage Shad Betts Envirodrill, Inc. **CME 75**

Hollow Stem Auger 8 inches

Date Started: 8/12/2008 Date Completed 8/12/2008

		Job	No. 49022				ration: al Depth	4895.85 feet above MSL 20 feet	Date Completed	8/12/2008
O Depth (ft)	Sample Interval	Blow Count	Lab No.	Recovery (%)	PID (ppm)	Graphic Log	nscs	Lithology Description	n	MW-9
-		3 4 5 7		50	3.8		SW	SAND with GRAVEL, mediu dense, 75% sand, 25% grav material, some asphalt	ım vel, fill	Flush Monument Locking Cap, 2" Dia. PVC Grout
-		5 7 3 2		0				No recovery		Bentonite 10-20 Silica Sand Filter Pack
10_		3 9 44 19	B-7-12	75	129		SP	SAND, poorly graded, satural loose, medium, subrounded bluish gray (5B 3/1) GRAVEL with SAND, poorly	I, dark	0.010"
-							GP			0.010" Slotted Screen, 2" Dia. PVC
20	-									End Cap

Notes:

" = inch or inches % = percent

bgs = below ground surface Dia. = diameter

E = easting

ft = foot or feet ID = identification

LUST = leaking underground storage PID = photoionization detector

MSL = mean sea level

N = northing No. = number

ppm = parts per million PVC = polyvinyl chloride

USCS = United Soil Classification System WA = work assignment

Page 1 of 1



U.S. Environmental Protection Agency WA 1006 Region 9 LUST Sites

B-8/MW-10

Site ID: Site Location: Boring Location:

Bond & Bond Shiprock, New Mexico N 2105301.967 E 2472417.011

Logged By: Drilled By: Drilling Company:

Date Started:

Drill Rig:

Drilling Method:

Borehole Diameter:

Walter Gage Shad Betts Envirodrill, Inc. **CME 75**

Hollow Stem Auger

8 inches

8/12/2008 8/14/2008

Job No. 49022						Elevation: Total Depth:		4895.22 feet above MSL 20 feet	Date Completed	8/14/2008
O Depth (ft)	Sample Interval	Blow Count	Lab No.	Recovery (%)	PID (ppm)	Graphic Log	nscs	Lithology Description	1	<u>MW-10</u> ☐ ☐ ☐ Flush
_		5 10		75	5.7		GW	GRAVEL with SAND, medium dense, 75% gravel, 25% sand, fill material, some asphalt		Monument
- - -		11 7 4 4 3 4	B-8-6	75	5.2		SP	SAND, poorly graded, moist medium dense, fine, subrou dark gray (N3), no odor	inded,	Locking Cap, 2" Dia. PVC Grout Bentonite - 10-20 Silica Sand Filter Pack
10							SC	CLAYEY SAND		
-		2 15 19 21	B-8-12	10	2022		GP	GRAVEL with SAND, poorly black (N2.5), strong petrole	r graded, um odor	0.010" Slotted Screen, 2" Dia. PVC
20										End Cap

Notes:

" = inch or inches % = percent

bgs = below ground surface

Dia. = diameter E = easting

ft = foot or feet ID = identification

LUST = leaking underground storage PID = photoionization detector

MSL = mean sea level

N = northing No. = number

ppm = parts per million PVC = polyvinyl chloride

USCS = United Soil Classification System

WA = work assignment Page 1 of 1

Bristol ENVIRONMENTAL REMEDIATION SERVICES, LLC

U.S. Environmental Protection Agency WA 1006 Region 9 LUST Sites

B-9/MW-8

Site ID: Site Location: Boring Location:

Bond & Bond Shiprock, New Mexico N 2105507.676 E 2472515.03

Logged By: Drilled By: Drilling Company: Drill Rig:

Drilling Method: Borehole Diameter: Walter Gage Shad Betts Envirodrill, Inc. **CME 75**

Hollow Stem Auger 8 inches

Date Started: 8/12/2008 Date Completed 8/12/2008

	Job No. 49022					Elevation: 4892.96 feet above MSL Date Completed 8/12/2008 Total Depth: 15 feet					
O Depth (ft)	Sample Interval	Blow Count	Lab No.	Recovery (%)	PID (ppm)	Graphic Log	nscs	Lithology Description	n	MW-8 Locked	
		2 2 3 2		75	3		SP	SAND, poorly graded, moist fine, rounded, light yellowish (10YR 6/4)	t, loose, n brown	Stickup Completion Cap Concrete Pad Grout	
_		2 2 6		100	27.3		sc	CLAYEY SAND, poorly grad loose, 65% fine subrounded 35% clay, yellowish brown (5/4)	I sand, 10YR	Bentonite 10-20 Silica Sand Filter Pack	
		18	B-9-7				SC	loose, 65% fine subrounded 35% clay, very dark gray (N strong petroleum odor GRAVEL (estimated), hard	I sand, 3),		
10_	-						GP			0.010" Slotted Screen, 2" Dia. PVC	
20	-									End Cap	

Notes:

" = inch or inches

% = percent bgs = below ground surface

Dia. = diameter E = easting

ft = foot or feet

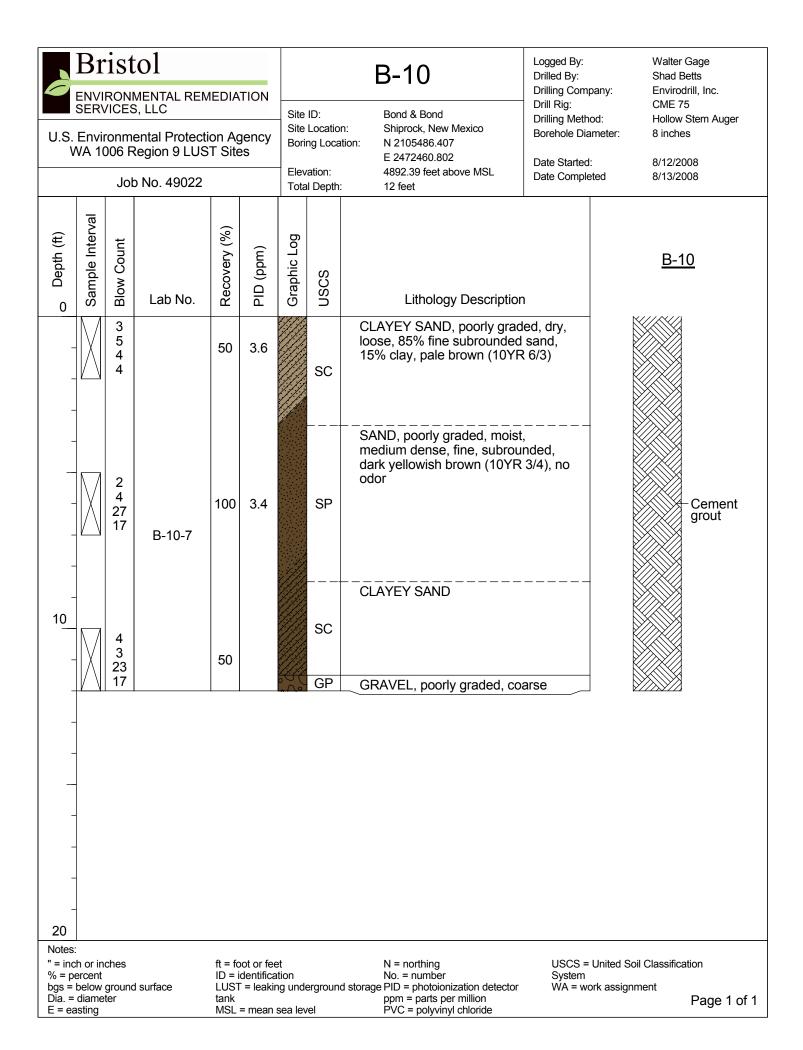
ID = identification LUST = leaking underground storage PID = photoionization detector

MSL = mean sea level

N = northing No. = number

ppm = parts per million PVC = polyvinyl chloride

USCS = United Soil Classification System WA = work assignment





U.S. Environmental Protection Agency WA 1006 Region 9 LUST Sites

Job No. 49022

B-11/MW-13

Site ID: Site Location: Boring Location:

Bond & Bond Shiprock, New Mexico N 2105480.974 E 2472405.487

4893.36 feet above MSL Elevation: Total Depth:

15 feet

Logged By: Drilled By: Drilling Company:

Drill Rig: Drilling Method:

Borehole Diameter:

Date Started: Date Completed Walter Gage Shad Betts Envirodrill, Inc. **CME 75**

Hollow Stem Auger 8 inches

8/13/2008 8/14/2008

		000	110. 40022	,		lota	Deptn	15 feet	
O Depth (ft)	Sample Interval	Blow Count	Lab No.	Recovery (%)	PID (ppm)	Graphic Log	nscs	Lithology Description	m MW-13 Locked Stickup
		1 3 4 5		75	2.3		SP	SAND, poorly graded, dry, lo fine, subrounded, light yellow brown (10YR 6/4), no odor	Stickup Completion Cap Concrete Pad Grout Bentonite 10-20 Silica Sand Filter Pack
- 10		2 2 2 3 3 4 5	B-11-9	10	7.3		SC	CLAYEY SAND, poorly grad moist, loose, 75% fine subro sand, 25% plastic clay, dark (10YR 3/3), no odor, some ro and organic debris	ounded s brown roots
		4 7 24 27		50			SP GP	SAND, poorly graded, satura medium dense, medium, subangular, dark gray (10YF GRAVEL, poorly graded, coa	R 4/1) Screen, 2" Dia. PVC
20									End Cap

Notes:

" = inch or inches % = percent

bgs = below ground surface

Dia. = diameter

E = easting

ft = foot or feet ID = identification

LUST = leaking underground storage PID = photoionization detector

MSL = mean sea level

N = northing No. = number

ppm = parts per million PVC = polyvinyl chloride

USCS = United Soil Classification System WA = work assignment

Bristol ENVIRONMENTAL REMEDIATION SERVICES, LLC

U.S. Environmental Protection Agency WA 1006 Region 9 LUST Sites

Job No. 49022

B-12/MW-11

Site ID: Site Location: Boring Location:

Bond & Bond Shiprock, New Mexico N 2105435.136 E 2472348.086

4891.59 feet above MSL Elevation: Total Depth:

15 feet

Logged By: Drilled By: Drilling Company: Drill Rig:

Date Started:

Date Completed

Drilling Method:

Borehole Diameter:

Walter Gage Shad Betts Envirodrill, Inc. **CME 75**

Hollow Stem Auger 8 inches

8/13/2008 8/13/2008

		- 001	7110. 40022			Tota	ii Deptn	15 feet			
Oepth (ft)	Sample Interval	Blow Count	Lab No.	Recovery (%)	PID (ppm)	Graphic Log	nscs	Lithology Description	١	<u>MW-1</u>	
		2 3 4 4	B-12-2	50	301	A.	SP	SAND, poorly graded, dry, lo fine, subrounded, light yellow brown (10YR 6/4), no odor	oose, wish		Flush Monument Locking Cap, 2" Dia. PVC Grout Bentonite
-		2 2		100			sc	CLAYEY SAND, poorly grad moist, loose, 75% fine subro sand, 25% plastic clay, brow (10YR 4/3), some roots	ounded /n		10-20 Silica Sand Filter Pack
10_		3 4 4 3 3 2	B-12-7	50			SP	SAND, poorly graded, moist medium, subangular, brown 5/3), some roots	;, loose, (10YR		0.010" Slotted
	-						GP	GRAVEL (estimated), hard o	drilling		0.010" Slotted Screen, 2" Dia. PVC
	_			ı							End Cap

20 Notes:

" = inch or inches % = percent

bgs = below ground surface

Dia. = diameter E = easting

ft = foot or feet ID = identification

LUST = leaking underground storage PID = photoionization detector

MSL = mean sea level

N = northing No. = number

ppm = parts per million PVC = polyvinyl chloride

USCS = United Soil Classification System

WA = work assignment

Bristol ENVIRONMENTAL REMEDIATION SERVICES, LLC U.S. Environmental Protection Agency WA 1006 Region 9 LUST Sites Job No. 49022

B-13/MW-14

Site ID: Site Location: Boring Location: Bond & Bond Shiprock, New Mexico N 2105539.16 E 2472548.748

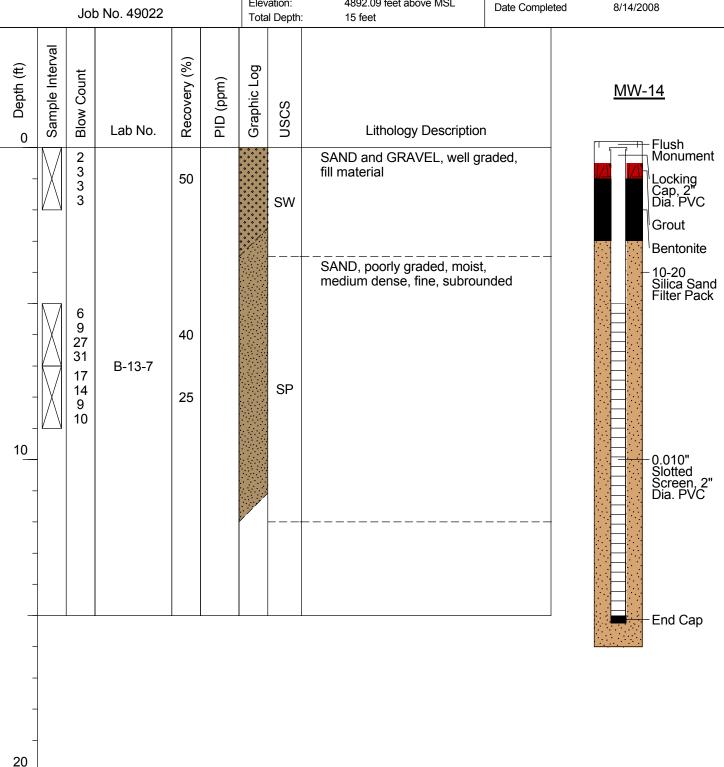
Elevation: 4892.09 feet above MSL Logged By: Drilled By: Drilling Company: Drill Rig:

Date Started:

Drilling Method: Borehole Diameter: Walter Gage **Shad Betts** Envirodrill, Inc. **CME 75**

Hollow Stem Auger 8 inches

8/13/2008 8/14/2008



Notes:

" = inch or inches % = percent

bgs = below ground surface

Dia. = diameter E = easting

ft = foot or feet ID = identification

LUST = leaking underground storage PID = photoionization detector MSL = mean sea level PVC = polyvinyl chloride

N = northingNo. = number ppm = parts per million

USCS = United Soil Classification System WA = work assignment

Bristol ENVIRONMENTAL REMEDIATION SERVICES, LLC

U.S. Environmental Protection Agency WA 1006 Region 9 LUST Sites

B-14/MW-15

Site ID: Site Location: Boring Location:

Bond & Bond Shiprock, New Mexico N 2105544.144 E 2472489.951

Logged By: Drilled By: Drilling Company: Drill Rig:

Drilling Method: Borehole Diameter: Walter Gage Shad Betts Envirodrill, Inc. **CME 75**

Hollow Stem Auger 8 inches

Date Started: 8/14/2008 Date Completed 8/14/2008

	Job No. 49022						ration: al Depth	4892.71 feet above MSL 15 feet	Date Completed	8/14/2008
O Depth (ft)	Sample Interval	Blow Count	Lab No.	Recovery (%)	PID (ppm)	Graphic Log	nscs	Lithology Description	1	<u>MW-15</u>
-		6 1 6 3		40	0.3		СН	SANDY CLAY, moist, firm, 6 plastic clay, 40% fine subror sand, mottled gray and orar odor, fill material	60% unded ige, no	Flush Monument Locking Cap, 2" Dia. PVC Grout
-		6 3 9 44 4 9 6 3	B-14-7	100	0.8		SP	SAND, poorly graded, moist medium dense, fine, subrou yellowish brown (10YR 5/4)	ınded,	Bentonite - 10-20 Silica Sand Filter Pack
-							GP	GRAVEL (estimated), hard	drilling	0.010" Slotted Screen, 2" Dia. PVC
20										

Notes:

" = inch or inches

% = percent bgs = below ground surface

Dia. = diameter

E = easting

ft = foot or feet ID = identification

LUST = leaking underground storage PID = photoionization detector

MSL = mean sea level

N = northing No. = number

ppm = parts per million PVC = polyvinyl chloride

USCS = United Soil Classification System WA = work assignment



U.S. Environmental Protection Agency WA 1006 Region 9 LUST Sites

B-15/MW-16

Site ID: Site Location: Boring Location:

Bond & Bond Shiprock, New Mexico N 2105548.132 E 2472446.523

Logged By: Drilled By: Drilling Company: Drill Rig:

Drilling Method: Borehole Diameter: Walter Gage Shad Betts Envirodrill, Inc. **CME 75**

Hollow Stem Auger 8 inches

Date Started: 8/14/2008 Date Completed 8/14/2008

	Job No. 49022					Elevation: 4892.71 feet above MSL Date Completed 8/14/2008 Total Depth: 15 feet					
O Depth (ft)	Sample Interval	Blow Count	Lab No.	Recovery (%)	PID (ppm)	Graphic Log	nscs	Lithology Description	n	<u>MW-16</u> ☐ ☐ ☐ Flush	
-		9 23 6		15	0	6/ <u>/</u> //	SP	SAND, poorly graded, moist medium dense, fine, subrou yellowish brown (10YR 5/4)	ınded,	Monument Locking Cap, 2" Dia. PVC	
-		7					GC	\material CLAYEY GRAVEL, fill mate	rial	Dia. PVC Grout Bentonite	
-		1 2 3 4		90			sc	CLAYEY SAND, poorly grad moist, loose, 65% fine subro sand, 35% plastic clay, redo (2.5YR 5/1) with oxide staini around organic material	ounded lish gray	- 10-20 Silica Sand Filter Pack	
10		4 4 2 3	B-15-8	100	0		SP	SAND, poorly graded, moist saturated, medium, subrour dark grayish brown (10YR 4 odor	nded,	0.040"	
-										0.010" Slotted Screen, 2" Dia. PVC	
-	-									End Cap	
-	_										
-	_										

20 Notes:

" = inch or inches % = percent

bgs = below ground surface Dia. = diameter

E = easting

ft = foot or feet ID = identification

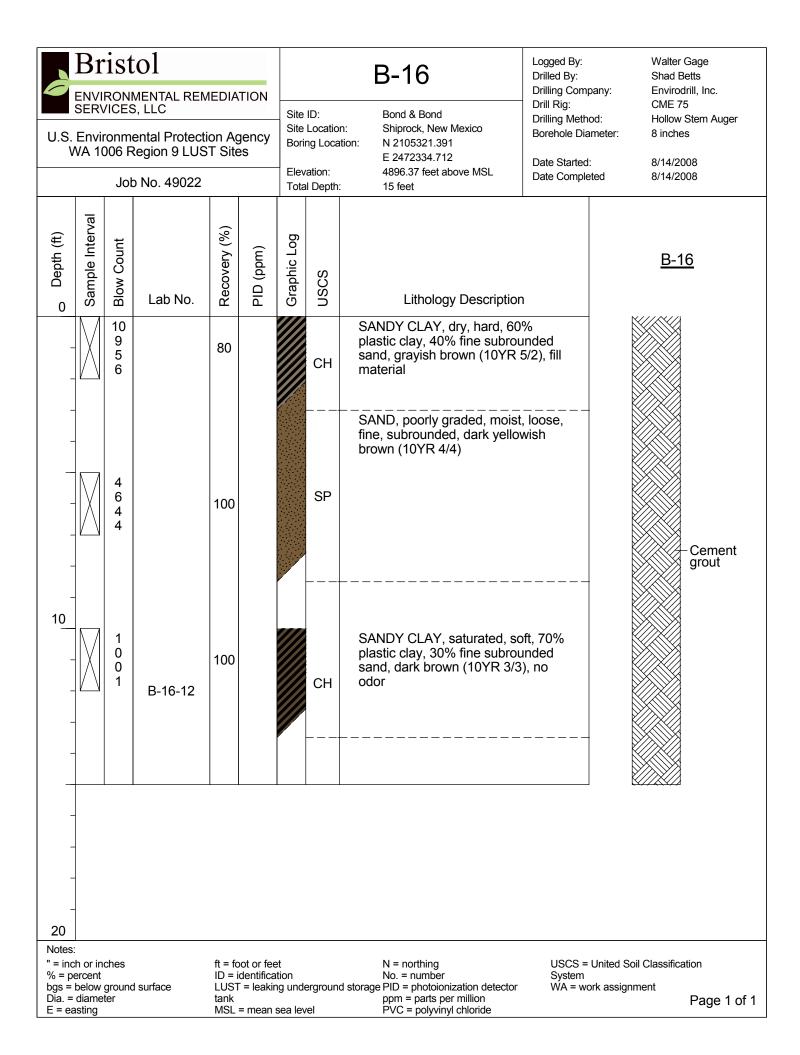
LUST = leaking underground storage PID = photoionization detector

MSL = mean sea level

N = northing No. = number

ppm = parts per million PVC = polyvinyl chloride

USCS = United Soil Classification System WA = work assignment



Bristol Logged By: Walter Gage B-17 Drilled By: **Shad Betts** Drilling Company: Envirodrill, Inc. **ENVIRONMENTAL REMEDIATION** Drill Rig: CME 75 SERVICES, LLC Site ID: Bond & Bond Drilling Method: Hollow Stem Auger Shiprock, New Mexico Site Location: Borehole Diameter: 8 inches U.S. Environmental Protection Agency Boring Location: N 2105478 WA 1006 Region 9 LUST Sites E 2472557.806 Date Started: 8/14/2008 4896.79 feet above MSL Elevation: **Date Completed** 8/14/2008 Job No. 49022 Total Depth: Sample Interval Recovery (%) Depth (ft) Graphic Log **Blow Count** PID (ppm) B-17 **USCS** Lab No. Lithology Description 0 5 SAND with GRAVEL, poorly graded, 5 dry, loose, 95% fine subrounded 50 5 sand, 5% fine to coarse gravel, light SP 3 yellowish brown (10YR 6/4), fill B-17-2 10 20 0 19 SAND, poorly graded, slightly moist, 9 medium dense, fine, subrounded, light yellowish brown (10YR 6/4) 4 3 B-17-5 SP 75 6 6 4 65 Cement 4 SANDY CLAY, moist, firm, 75% grout 4 plastic clay, 25% fine subrounded CH sand, dark yellowish brown (10YR 4 4/2), iron oxide staining 4 100 5 SAND, poorly graded, moist, 10 5 medium dense, fine, subrounded, brown (10YR 4/3) 6 SP 6 50 10 34 B-17-12 44 100 50/5 GRAVEL with SAND, poorly graded, GP saturated, slight petroleum odor 20 Notes: " = inch or inches ft = foot or feet N = northingUSCS = United Soil Classification ID = identification % = percent No. = number System bgs = below ground surface WA = work assignment LUST = leaking underground storage PID = photoionization detector

ppm = parts per million

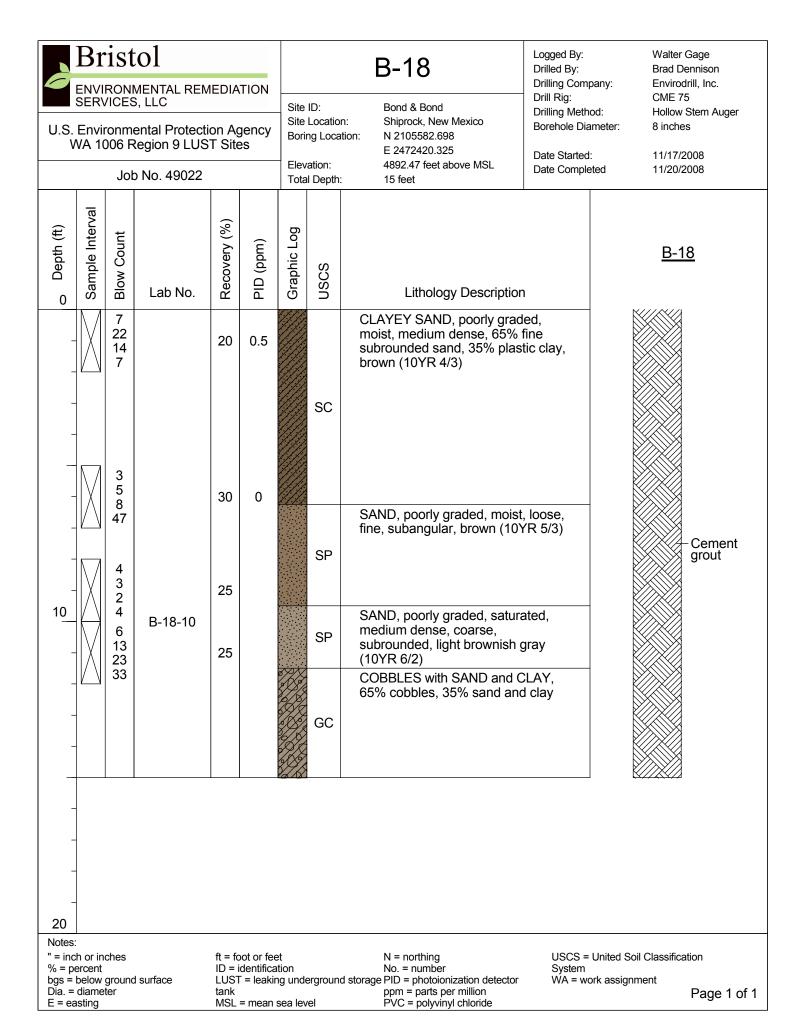
PVC = polyvinyl chloride

MSL = mean sea level

Page 1 of 1

Dia. = diameter

E = easting





U.S. Environmental Protection Agency WA 1006 Region 9 LUST Sites

Job No. 49022

B-19/MW-18

Site ID: Site Location: Boring Location:

Bond & Bond Shiprock, New Mexico N 2105586.806 E 2472469.249

Elevation: 4892.66 feet above MSL Total Depth:

18 feet

Logged By: Drilled By: Drilling Company: Drill Rig:

Date Started:

Date Completed

Drilling Method:

Borehole Diameter:

Walter Gage **Brad Dennison** Envirodrill, Inc. **CME 75**

Hollow Stem Auger 8 inches

11/17/2008 11/20/2008

005	140. 40022			lota	ii Deptn	18 feet	
Depth (ft) Sample Interval Blow Count	Lab No.	Recovery (%)	PID (ppm)	Graphic Log	nscs	Lithology Description	<u>MW-18</u> □ □ □ □ □ Flush
10 14 6 4		25	0.5		SP	SAND, poorly graded, moist, medium dense, fine, subrour yellowish brown (10YR 5/4), material	, Monument Monument
		25	0.2		SC	CLAYEY SAND, poorly grade moist, loose, 65% fine subrou sand, 35% plastic clay, yellow brown (10YR 5/4)	ed, unded
10 12 19	B-19-8.5	50	0.3	<i>(}()</i> ();	SP	SAND, poorly graded, satura medium dense, coarse, subrounded, brown (10YR 5/	
- \(\) 40 36 - -		50			GC	COBBLES with SAND and C 65% cobbles, 35% sand and	CLAY, I clay 0.010" Slotted Screen, 2" Dia. PVC
-							End Cap
20							

Notes:

" = inch or inches % = percent

bgs = below ground surface

Dia. = diameter E = easting

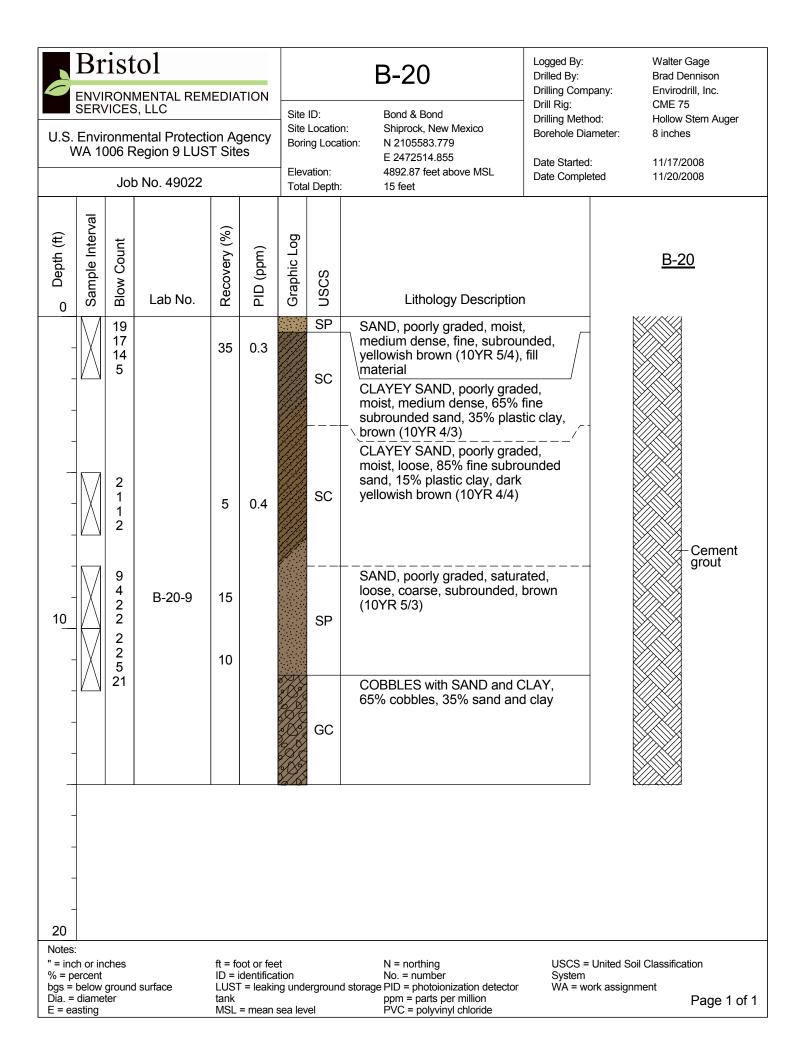
ft = foot or feet ID = identification

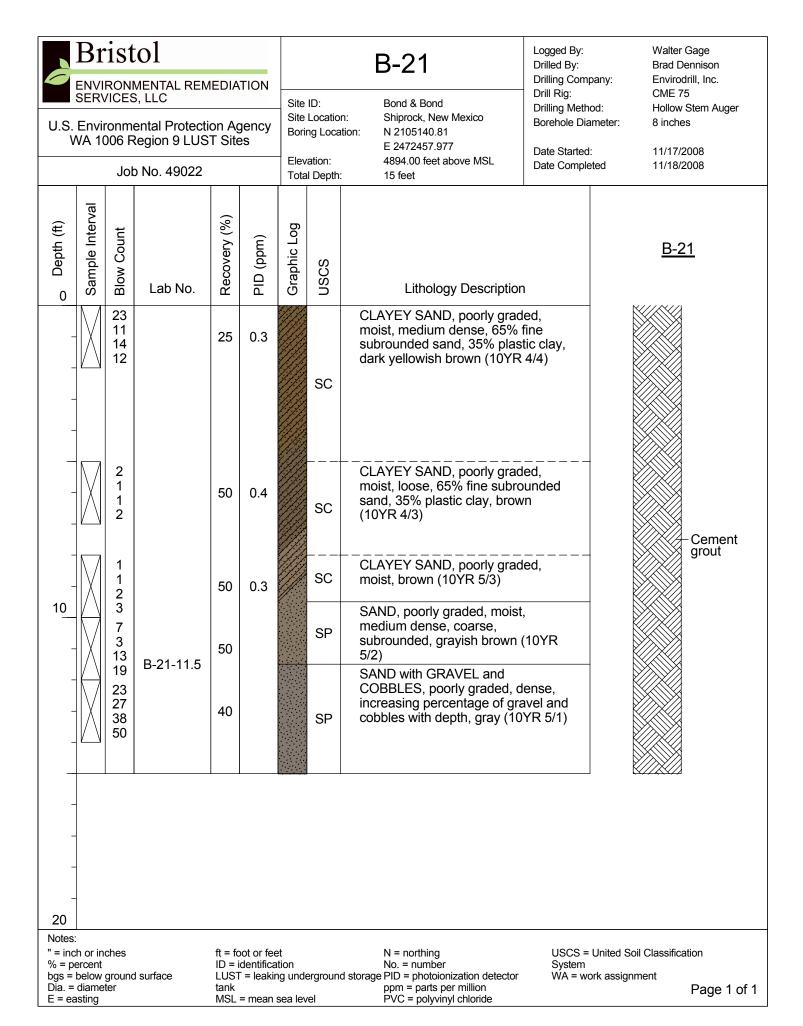
LUST = leaking underground storage PID = photoionization detector MSL = mean sea level

N = northing No. = number

ppm = parts per million PVC = polyvinyl chloride

USCS = United Soil Classification System WA = work assignment







U.S. Environmental Protection Agency WA 1006 Region 9 LUST Sites

B-22/MW-17

Site ID: Site Location: Boring Location:

Bond & Bond Shiprock, New Mexico N 2105223.947 E 2472545.131

4895.15 feet above MSL

Logged By: Drilled By: Drilling Company: Drill Rig:

Date Started:

Drilling Method:

Borehole Diameter:

Walter Gage **Brad Dennison** Envirodrill, Inc. **CME 75**

Hollow Stem Auger 8 inches

11/17/2008 11/18/2008

Job No. 49022					ration: Il Depth	4895.15 feet above MSL 23 feet	Date Complete	ed 11/18/2008		
O Depth (ft)	Sample Interval	Blow Count	Lab No.	Recovery (%)	PID (ppm)	Graphic Log	nscs	Lithology Description	1	<u>MW-17</u> ┌─ ─── Flush
-		5 8 17 11 5 7		50	0		SC	CLAYEY SAND, poorly grad moist, loose, 80% very fine subrounded sand, 20% plas light yellowish brown (10YR cobbles present at 1.5 feet b	tic clay, 6/4),	Monument Locking Cap, 2" Dia. PVC Grout Bentonite
- - 10_		7 5 2 4 5 5		5	0					Silica Sand Filter Pack
_		2 4 5 6		30	0		CH SP	CLAY, plastic, brown SAND, poorly graded, moist	, loose,	
-		10 33 19	B-22-13	25			СН	medium, subrounded, light yellowish brown (10YR 6/4) CLAY, plastic, brown		
-		13				a / \$ /	SP	SAND with GRAVEL, poorly medium dense, 65% coarse subrounded sand, 35% fine coarse gravel, grayish brown 5/2)	to	0.010" Slotted Screen, 2" Dia. PVC
- 20							GC	COBBLES (estimated), hard	d drilling	

Notes:

" = inch or inches % = percent

bgs = below ground surface

Dia. = diameter

E = easting

ft = foot or feet ID = identification

LUST = leaking underground storage PID = photoionization detector

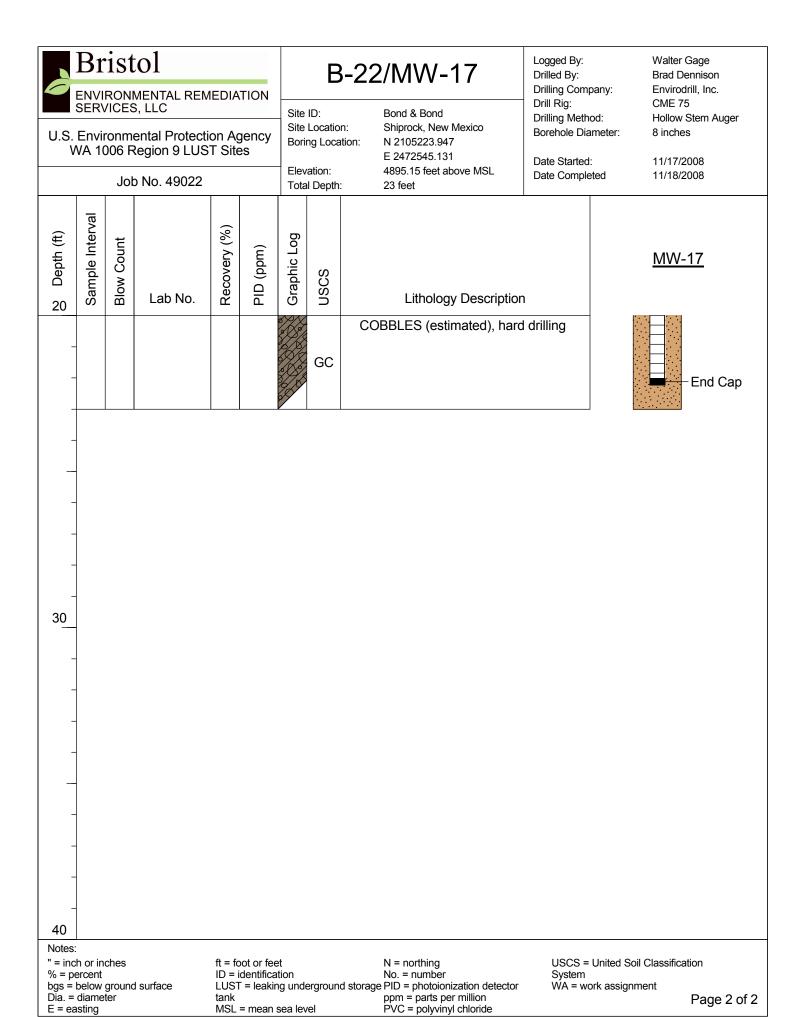
MSL = mean sea level

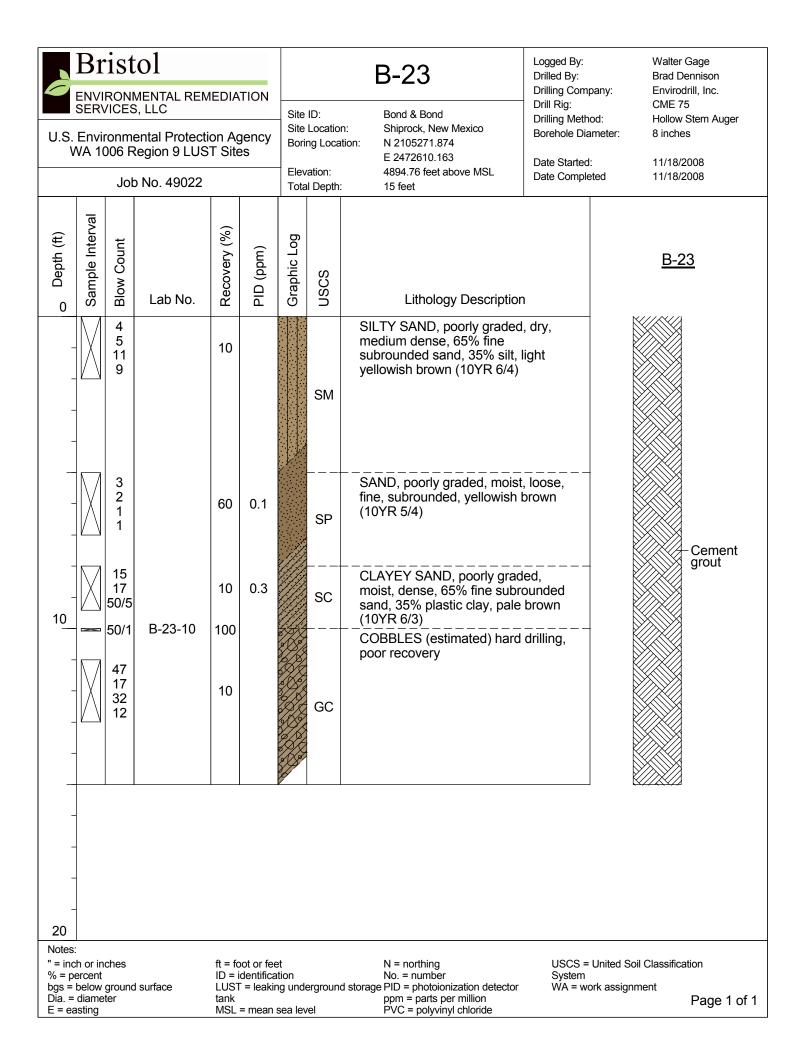
N = northing No. = number

ppm = parts per million PVC = polyvinyl chloride

USCS = United Soil Classification System

WA = work assignment





ATTACHMENT 4

Laboratory Analytical Reports

(Provided on CD)



April 07, 2009

Scott Ruth Bristol Environmental & Engineering 111 W. 16th Ave., Ste 301 Anchorage, AK 99501-1116

RE: Bond & Bond Shiprock, NM

Work Order No.:

08050391

Dear Scott,

Columbia Analytical Services, Inc. received 5 samples on 5/23/08. The results of the analyses are presented in the following report.

The Case Narrative of this report addresses any Quality Control and/or Quality Assurance issues associated with this Work Order.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. The test results meet requirements of the current NELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAPaccredited analytes, refer to the certifications section at www.caslab.com.

If you have any questions regarding these test results, please feel free to call us at (602) 437-0330.

Sincerely,

Marcia'A. Smith

Project Manager

ADHS License No. AZ0133/AZ0667/AZM133



Client:

Bristol Environmental & Engineering

Work Order:

08050391

Project Name:

Bond & Bond Shiprock, NM

Case Narrative

Date Printed: 07-Apr-09

Project Number:

Samples were received intact and within proper temperature criteria.

Results are reported on a wet weight basis unless dry-correction is denoted in the units field on the analytical report ("mg/kg-dry").

All method blanks, laboratory spikes, and/or matrix spikes met quality control objectives for the parameters associated with this Work Order except as detailed below or on the Data Qualifier page of this report. Data Qualifiers used in this report are in accordance with ADEQ Arizona Data Qualifiers, Revision 3.0 9/20/2007.

Data qualifiers ("flags") contained within this analytical report have been issued to explain a quality control deficiency, and do not affect the quality (validity) of the data unless noted otherwise in the case narrative.

Amended Report 4/6/2009:

This report has been amended to correct the comment in the original case narrative to the following:

Analytical Comments for Method SW8015MOD: N1: Sample 08050391-04, MB, MS/MSD, LCS/LCSD: Batch FUELS3_080604B: The surrogate in a CCV was outside of the laboratory acceptance limits. However, surrogate recoveries in the associated samples were acceptable.

The surrogate recovery on the SW8015MOD method for Sample 08050391-04 was also incorrectly reported on the original report. The surrogate recovery has been corrected to 92% on this amended report.



Date Printed 07-Apr-09

License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Project Name: Bond & Bond Shiprock, NM

Project Number:

Work Order: 08050391 **Date Received:** 23-May-08

Case Narrative

Data Qualifiers

One or more of the following data qualifiers may be associated with your analytical and/or quality control data.

D1 Sample required dilution due to matrix.

D2 Sample required dilution due to high concentration of target analyte.

H2 Initial analysis within holding time. Reanalysis for the required dilution was past holding time.

N1 See case narrative.

T5 Laboratory not licensed for this parameter.



Date Printed 07-Apr-09

License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Project Name:

Bond & Bond Shiprock, NM

Work Order Sample Summary

Project Number:

Work Order: 08050391

Client Sample ID	Lab Sample ID	Test Code	Collection Date	Date Received
MW-7	08050391-01A	SW8015D	5/21/08 06:25 PM	5/23/08 09:30 AM
	08050391-01B	SW8260B	5/21/08 06:25 PM	5/23/08 09:30 AM
	08050391-01C	EPA8011	5/21/08 06:25 PM	5/23/08 09:30 AM
	08050391-01D	SW8015D	5/21/08 06:25 PM	5/23/08 09:30 AM
	08050391-01E	SW6010B	5/21/08 06:25 PM	5/23/08 09:30 AM
MW-4	08050391-02A	SW8015D	5/21/08 05:59 PM	5/23/08 09:30 AM
	08050391-02B	SW8260B	5/21/08 05:59 PM	5/23/08 09:30 AM
	08050391-02C	EPA8011	5/21/08 05:59 PM	5/23/08 09:30 AM
	08050391-02D	SW8015D	5/21/08 05:59 PM	5/23/08 09:30 AM
	08050391-02E	SW6010B	5/21/08 05:59 PM	5/23/08 09:30 AM
MW-6	08050391-03A	SW8015D	5/21/08 05:40 PM	5/23/08 09:30 AM
	08050391-03B	SW8260B	5/21/08 05:40 PM	5/23/08 09:30 AM
	08050391-03C	EPA8011	5/21/08 05:40 PM	5/23/08 09:30 AM
	08050391-03D	SW8015D	5/21/08 05:40 PM	5/23/08 09:30 AM
	08050391-03E	SW6010B	5/21/08 05:40 PM	5/23/08 09:30 AM
MW-7 DUP	08050391-04A	SW8015D	5/21/08 06:25 PM	5/23/08 09:30 AM
	08050391-04B	SW8260B	5/21/08 06:25 PM	5/23/08 09:30 AM
	08050391-04C	EPA8011	5/21/08 06:25 PM	5/23/08 09:30 AM
	08050391-04D	SW8015D	5/21/08 06:25 PM	5/23/08 09:30 AM
	08050391-04E	SW6010B	5/21/08 06:25 PM	5/23/08 09:30 AM
TRIP BLANK	08050391-05A	SW8260B	5/21/08 06:25 PM	5/23/08 09:30 AM
	08050391-05B	EPA8011	5/21/08 06:25 PM	5/23/08 09:30 AM



Date Printed 07-Apr-09

License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Project Name:

Bond & Bond Shiprock, NM

Project Number:

Work Order: 08050391 Date Received: 23-May-08 **Definitions**

Analytical Spike (AS)

The AS is a known amount of a target analyte added to a sample after it has been distilled, digested, or extracted and is ready for analysis. The AS is generally performed if the MS has failed. It is used to indicate interference that arises from sample distillation, digestion, or extraction as opposed to interference that is innate to the matrix.

Continuing Curve Verification (CCV) The CCV is also referred to as a curve check. This is a standard analyzed at specified intervals during an analysis. The CCV verifies the stability and accuracy of the calibration curve. There are specific CCV recovery acceptance criteria for each method.

Dilution Factor (DF)

The DF is an indication of how much a sample had to be diluted in order to quantitate it on a standard curve. The DF is indicated in the reported sample result. The sample PQL increases as the dilution increases.

Internal Standard (IS)

The IS is a compound that is similar to the organic compound of interest in terms of chemical composition but is unique in that it is rare in the environment. The same concentration of IS is added to every sample for some organic methods.

Laboratory Control Sample (LCS)

The LCS is also referred to as a blank spike. The LCS is an addition of a known amount of a target analyte (from the same source as calibration standards or spikes) to an aliquot of deionized water or other appropriate clean matrix. The LCS is processed through the entire method procedure in the same manner as samples.

Matrix Spike (MS)

The MS is a known amount of a target analyte added to a sample. The MS is processed through the entire method procedure in the same manner as samples.

Method Blank (MB)

The MB is an aliquot of deionized water or other appropriate clean matrix that is thought to be free of the analyte in question. The MB is processed through the entire extraction or analysis procedure and is used to indicate contamination in the lab.

Method Detection Limit (MDL)

The MDL is the lowest level of detection of which a method is capable.

Practical Quantitation Limit (PQL)

The PQL is the lowest value at which Columbia Analytical Services can detect an analyte in matrix with a high degree of confidence. The PQL will increase as the DF increases. The PQL is greater than or equal to the MDL.

Relative Percent Difference (RPD) The RPD is a measure of precision (the ability to obtain the same result on re-analysis of the same sample). It is calculated using the result of a sample, MS, LCS, or LCSV and its associated duplicate result.

Secondary Source QC Sample (LCSV) The LCSV is also referred to as a second source laboratory control sample. It is the same type of standard as a calibration or spiking standard but is obtained from a different source. The LCSV is an indication of the primary standard quality, method performance, and instrument performance.

Surrogate

A surrogate compound is similar to the organic compound of interest in terms of chemical composition but is unique in that it is rare in the environment. When surrogates are used, they are added to every sample, blank and standard. Surrogate recovery is used as an indication of extraction and/or analytical success.

Trip Blank (TB)

The TB is a portion of deionized water preserved in the same manner as the samples. The TB travels from the lab, to the field, and then back to the lab with the samples from the field. The TB serves as an indication of contamination introduced during sample transportation.



Date Printed: 07-Apr-09

License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Project Name:

Bond & Bond Shiprock, NM

Project Number:

Work Order: Date Received: 08050391

23-May-08

References

Columbia Analytical Services, Inc. uses the methods outlined in the following references:

Code of Federal Regulations, 40CFR, Part 136, Appendix A, July 2005.

Standard Methods for the Examination of Water and Wastewater, 20th Edition, 1998.

Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, Revised March 1983.

Methods for the Determination of Inorganic Substances in Environmental Samples, EPA/600/R-93/100, Revised August 1993.

Methods for the Determination of Metals in Environmental Samples, Supplement 1: EPA/600/R-94/111, Revised May 1994.

Methods for the Determination of Organic Compounds in Drinking Water, EPA/600/4-88/039, Revised July, 1991; EPA-600/4-90/020, Supplement I, July 1990; EPA-600/R-92/129; Supplement II, August 1992; EPA-600/R-95/131, Supplement III, August 1995.

Hach, Water Analysis Handbook, 3rd Edition, 1997.

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition, 1986 including Update I, July 1992; Update IIA, August 1993; Update II; September 1994; Update IIB, January 1995; Update III, December 1996. Update IIIA, June 1999; and Update IIIB July 2005.

Bureau of Laboratory Services, State of Arizona Department of Health Services Method 8015AZ.R1, September 1998. (Comment: C6-C10 GRO reported by this method is not to be used in compliance situations)

ASTM MethodD4982, Annual Book of ASTM Standards, Volumes 11.01 and 11.02, 1995

The Determination of Polychlorinated Biphenyls in Transformer Fluid and Waste Oils, EPA-600 4-81-045, September 1982.

EPA Method 9013A, Cyanide Extraction Procedure for Solids and Oils. (Rev, 1 November 2004)

EPA Method 5035A, Closed-System Purge-and-Trap and Extraction for Volatile Organics in Soil and Waste Samples (draft rev. 1 July 2002)

EPA Method 5030C, Purge-and-Trap for Aqueous Samples (rev.3 May 2003)

Office of Ground Water and Drinking Water Technical Support Center, EPA 815-R-05-004, Manual for Certification of Drinking Water, (5th Edition January 2005)



Date Printed 07-Apr-09

License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

Lab ID:

08050391

08050391-01

Project Name:

Bond & Bond Shiprock, NM

Project Number:

Client Sample ID: MW-7

Collection Date: 5/21/2008 6:25:00 PM

Matrix: Aqueous

Analyte	Result	PQI	. Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Batch ID
		PI	REP METHOD	: SW3510C			and Hamilton Control of Mandager of September 18	AND THE STREET OF THE STREET O	Test Perfo	rmed By: AZ0133
C13-C22 DRO	1100	570	T5,D2	µg/L	5.7	8015B	5/30/08	6/11/08 2:55	LB	520
C23-C32 ORO	<570	570	T5,D1	µg/L	5.7	8015B	5/30/08	6/11/08 2:55	LB	520
o-Terphenyi(Surrogate)	103	42-129		%REC	5.7	8015B	5/30/08	6/11/08 2:55	ГВ	520
		PI	REP METHOD	: SW3010A				Commence of the State of the St	Test Perfo	rmed By: AZ0133
Lead, Dissolved	<0.010	0.010		mg/L	1.0	SW6010B	5/28/08	5/29/08 17:41	MDD	496
		Pi	REP METHOD	: SW5030B		ngaman ngangangan gangangan gangangan gangangan gangangan gangan gangan gangan gangan gangan gangan gangan gan			Test Perfo	rmed By: AZ0133
Bromofluorobenzene(Surrogate)	81	65-129		%REC	1.0	SW8015MOD	N/A	6/3/08 22:06	FL	JELS3_080603A
C6-C10 GRO	1900	200	T5	μg/L	1.0	SW8015MOD	N/A	6/3/08 22:06	Fl	JELS3_080603A



Date Printed 07-Apr-09

Collection Date: 5/21/2008 5:59:00 PM

Matrix: Aqueous

Client Sample ID: MW-4

License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Result

<110

<110

110

110

94 42-129

PQL Qual

T5,D1

T5,D1

PREP METHOD: SW3510C

Work Order:

Lab ID:

Analyte

C13-C22 DRO

C23-C32 ORO

o-Terphenyl(Surrogate)

08050391

08050391-02

Project Name:

Bond & Bond Shiprock, NM

Project Number:

Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Batch ID
/3510C					Test Perfo	rmed By: AZ0133
µg/L	1.1	8015B	5/30/08	6/10/08 17:29	LB	520
µg/L	1.1	8015B	5/30/08	6/10/08 17:29	LB	520
%REC	1.1	8015B	5/30/08	6/10/08 17:29	LB	520

		PR	EP METHOD:	: SW3010A					Test I	Performed By: AZ0133
Lead, Dissolved	<0.010	0.010		mg/L	1.0	SW6010B	5/28/08	5/29/08 17:45	MDD	496
A		PR	EP METHOD:	: SW5030B					Test F	erformed By: AZ0133
Bromofluorobenzene(Surrogate)	97	65-129		%REC	1.0	SW8015MOD	N/A	6/3/08 23:46		FUELS3_080603A
C6-C10 GRO	<200	200	T5	µg/L	1.0	SW8015MOD	N/A	6/3/08 23:46		FUELS3_080603A

%REC



Date Printed 07-Apr-09

License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08050391

Lab ID:

08050391-03

Project Name:

Bond & Bond Shiprock, NM

Project Number:

Client Sample ID: MW-6

Collection Date: 5/21/2008 5:40:00 PM

3, 21, 200

Matrix: Aqueous

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Batch ID
The state of the s	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	PRE	P METHOD:	SW3510C					Test Perfo	rmed By: AZ0133
C13-C22 DRO	220	100	T 5	µg/L	1.0	8015B	5/30/08	6/10/08 18:13	LB	520
C23-C32 ORO	270	100	T5	µg/L	1.0	80158	5/30/08	6/10/08 18:13	LB	520
o-Terphenyl(Surrogate)	80	42-129		%REC	1.0	8015B	5/30/08	6/10/08 18:13	LB	520
1,000	**************************************	PRE	P METHOD:	SW3010A	·#				Test Perfo	rmed By: AZ0133
Lead, Dissolved	<0.010	0.010		mg/L	1.0	SW6010B	5/28/08	5/29/08 17:49	MDD	496
	1 mgaga 1 mgaga 1 La War An Anna	PRE	P METHOD:	SW5030B					Test Perfo	rmed By: AZ0133
Bromofluorobenzene(Surrogate)	90	65-129		%REC	1.0	SW8015MOD) N/A	6/4/08 0:21	Fl	JELS3_080603A
C6-C10 GRO	<200	200	T5	µg/L	1.0	SW8015MOD	N/A	6/4/08 0:21	FL	JELS3_080603A



Date Printed 07-Apr-09

License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08050391

Lab ID:

08050391-04

Project Name:

Bond & Bond Shiprock, NM

Project Number:

Client Sample ID: MW-7 DUP

Collection Date: 5/21/2008 6:25:00 PM

Matrix: Aqueous

Analyte	Result	PQI	_ Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Batch ID
VAAPAARAV	THE PROPERTY OF THE PROPERTY O	Pį	REP METHOD	SW3510C	***************************************				Test Perfo	rmed By: AZ0133
C13-C22 DRO	840	530	T5,D2	µg/L	5.3	8015B	5/30/08	6/11/08 3:38	LB	520
C23-C32 ORO	<530	530	T5,D1	μg/L	5.3	8015B	5/30/08	6/11/08 3:38	LB	520
o-Terphenyl(Surrogate)	110	42-129		%REC	5.3	80158	5/30/08	6/11/08 3:38	LB	520
		PI	REP METHOD	SW3010A		***************************************		· · · · · · · · · · · · · · · · · · ·	Test Perfo	rmed By: AZ0133
Lead, Dissolved	<0.010	0.010		mg/L	1.0	SW6010B	6/19/08	6/20/08 11:52	MDD	683
	N. P. C. Communication and the Association of the Communication of the C	PI	REP METHOD	SW5030B					Test Perfo	rmed By: AZ0133
Bromofluorobenzene(Surrogate)	92	65-129	H2,N1	%REC	4.0	SW8015MOE) N/A	6/5/08 1:35	FL	JELS3_080604B
C6-C10 GRO	2100	800	T5,H2,D2	μg/L	4.0	SW8015MOE) N/A	6/5/08 1:35	Fl	JELS3_080604B



Date:

07-Apr-09

License No. AZ0133/AZM133

Method Blank

CLIENT:

Project:

Bristol Environmental & Engineering

Work Order:

08050391

Bond & Bond Shiprock, NM

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Batch ID
C13-C22 DRO	<100	100	T5	µg/L	1	8015B	5/30/08	6/10/08 13:06	LB	520
C23-C32 ORO	<100	100	T5	µg/L	1	80158	5/30/08	6/10/08 13:06	LB	520
o-Terphenyl	99	42-129		%REC	1	8015B	5/30/08	6/10/08 13:06	LB	520
Dissolved Lead	< 0.010	0.010		mg/L	1	SW6010B	5/28/08	5/29/08 16:55	MDD	496
Dissolved Lead	<0.010	0.010		mg/L	1	SW6010B	6/19/08	6/20/08 11:41	MDD	683
C6-C10 GRO	<200	200	T5	µg/L	1	SW8015MOD	N/A	6/3/08 19:51		FUELS3_080603A
Bromofluorobenzene	97	70-130		%REC	1	SW8015MOD	N/A	6/3/08 19:51		FUELS3_080603A
C6-C10 GRO	<200	200	T5	µg/L	1	SW8015MOD	N/A	6/4/08 21:43		FUELS3_080604B
Bromofluorobenzene	107	70-130	N1	%REC	1	SW8015MOD	N/A	6/4/08 21:43		FUELS3_080604B



Date:

07-Apr-09

Sample Matrix Spike

License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

Project:

08050391

Bond & Bond Shiprock, NM

	., ,		SPK	SPK	%	Low	High	RPD	%	RPD	
Analyte	Result	PQL	value	Ref Val	Rec	Limit	Limit	Ref Val	RPD	Limit	Qual
Sample ID: 08050466-01B-MS	Batch ID: 520			Test	Code: 8	3015B		Date Analyz	ed: 0	6/10/08 16:	01
Client ID:				Unit	s μg/L			Date Prepare	ed: 5/3	30/08	
C13-C22 DRO	2410	200	2000		121%	70	130				T5
o-Terphenyl	380	N/A	400		95%	42	129	***************************************			
Sample ID: 08050466-01B-MSD	Batch ID: 520			Test	Code: 8	8015B		Date Analyz	ed: 0	6/10/08 16:	45
Client ID:				Unit	s μg/L			Date Prepare	ed: 5/3	30/08	
C13-C22 DRO	2400	200	2000		120%	70	130	2410	0%	20	Т5
o-Terphenyl	393	N/A	400		98%	42	129		***************************************		
Sample ID: 08050334-03C-MS	Batch ID: 496			Test	Code: S	W6010B		Date Analyz	ed: 05	5/29/08 17:	18
Client ID:				Units	s mg/L			Date Prepare	ed: 5/2	28/08	
Dissolved Lead	1.119	0.010	1.00		112%	75	125				
Sample ID: 08050334-03C-MSD	Batch ID: 496			Test	Code: S	W6010B		Date Analyz	ed: 05	5/29/08 17:	22
Client ID:				Units	mg/L			Date Prepare			
Dissolved Lead	1,071	0.010	1.00		107%	75	125	1.119	4%	20	
Sample ID: 08050391-04E-MS	Batch ID: 683			Test	Code: S	W6010B		Date Analyz	ed: 00	5/20/08 11:	56
Client ID: MW-7 DUP				Units	s mg/L			Date Prepare	ed: 6/1	19/08	
Dissolved Lead	1.019	0.010	1.00		102%	75	125		,		
Sample ID: 08050391-04E-MSD	Batch ID: 683		**************************************	Test	Code: S	W6010B		Date Analyz	ed: 06	5/20/08 12:	00
Client ID: MW-7 DUP				Units	mg/L			Date Prepare			
Dissolved Lead	1.064	0.010	1.00		106%	75	125	1.019	4%	20	
Sample ID: 08050393-16A MS	Batch ID: FUE	LS3_0806)4B	Test	Code: S	W8015MC	D	Date Analyz	ed: 06	5/04/08 23:	55
Client ID:				Units	μg/L			Date Prepare	:d: N/	A	
C6-C10 GRO	589.1	200	500		118%	70	130			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	T5
Bromofluorobenzene	21.63	N/A	20.0		108%	65	129				N1
Sample ID: 08050393-16A MSD	Batch ID: FUE	LS3_08060)4B	Test	Code: S	W8015MC	D	Date Analyz	ed: 06	5/05/08 00:	29
Client ID:				Units	μg/L			Date Prepare	:d: N/.	A	
C6-C10 GRO	586.7	200	500		117%	70	130	589.1	0%	20	T5
Bromofluorobenzene	21.46	N/A	20.0		107%	65	129				N1



Date:

07-Apr-09

License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08050391

Project: Bond &	Bond Shiprock,	NM								В	lank Spik
Analyte	Result	PQL	SPK value	SPK Ref Val	% Rec	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Sample ID: LCS-520	Batch ID: 520			Test	Code: 8	8015B		Date Analy:	zed: 06	5/10/08 13:	49
				Unit	s μg/L			Date Prepar	ed: 5/3	0/08	
C13-C22 DRO o-Terphenyl	1150 199	100 N/A	1000 200		115% 100%	58 42	124 129				T5
Sample ID: LCSD-520	Batch ID: 520				Code: 8 s μg/L	015B		Date Analy: Date Prepar			32
C13-C22 DRO o-Terphenyl	1190 198	100 N/A	1000 200		119% 99%	58 42	124 129	1150	3%	20	T5
Sample ID: LCS-496	Batch ID: 496				Code: S s mg/L	SW6010B		Date Analyz			59
Dissolved Lead	1.113	0.010	1.00		111%	87	114		***************************************		
Sample ID: LCS-683	Batch ID: 683				Code: S	W6010B		Date Analyz			45
Dissolved Lead	1.031	0.010	1.00		103%	87	114	•			
Sample ID: LCSD-496	Batch ID: 496				Code: S mg/L	W6010B		Date Analyz			03
Dissolved Lead	1.077	0.010	1.00		108%	87	114	1.113	3%	20	
Sample ID: LCSD-683	Batch ID: 683				 Code: S _ mg/L	W6010B		Date Analyz			49
Dissolved Lead	1.069	0.010	1.00		107%	87	114	1,031	4%	20	
Sample ID: LCS 06-03-08	Batch ID: FUE	LS3_0806	03A		Code: S s µg/L	W8015MO)D	Date Analyz			24
C6-C10 GRO Bromofluorobenzene	564.7 20.13	200 N/A	500 20.0		113% 101%	70 65	130 129	****			T5
Sample ID: LCS 06-04-08	Batch ID: FUE	LS3_0806	04B		Code: S ; μg/L	W8015MO	D	Date Analyz			15
C6-C10 GRO Bromofluorobenzene	597.0 21.72	200 N/A	500 20.0		119% 109%	70 65	130 129	· · · · · · · · · · · · · · · · · · ·			T5 N1
Sample ID: LCSD 06-03-08	Batch ID: FUE	LS3_0806	03A		Code: S ; μg/L	W8015MO	D	Date Analyz			58
C6-C10 GRO Bromofluorobenzene	555.3 19.27	200 N/A	500 20.0		111% 96%	70 65	130 129	564.7	2%	20	T5



Date:

07-Apr-09

Blank Spike Duplicate

License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

Project:

08050391

Bond & Bond Shiprock, NM

Analyte	Result	PQL	SPK value	SPK Ref Val	% Rec	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Sample ID: LCSD 06-04-08	Batch ID: FU	JELS3_0806	04B	Test	Code: S	SW8015M0	ac	Date Analy	zed: 06	/04/08 22:	49
				Unit	s μg/L			Date Prepa	red: N/A	Ą	
C6-C10 GRO	495.2	200	500		99%	70	130	597	19%	20	T5
Bromofluorobenzene	20.74	N/A	20.0		104%	65	129				N1



Sample Receipt Checklist

	* -			
Client Name: Bristol		Date and Time	Received: 5/	วรไดห
Work Order Number: 08050 391		Checked by:		930
Checklist completed by:	123/08	Logged In by:		3/08
Matrix: W Carrier Name: Client CAS	FEDEX_	Reviewed by:	Initials / Date	1-29-08
Shipping container/cooler in good condition?	Yes 🗸	No □	Not Present []	COMMENTS
Custody seals intact on shipping container/cooler?	Yes 🛭	No □		•
Custody seals intact on sample bottles?	Yes 🗆	No 🗆	Not Present □	
Chain of custody signed when relinquished and received?	Yes Z	No □	Not Present Z	
Chain of custody agrees with sample labels?	Yes 🛭	No □	Not Present	
Samples in proper container/bottle?	Yes Z	No □		
Sample containers intact?	Yes Z	No □		
Sufficient sample volume for indicated test?	Yes 🗹	No □		·
All samples received within holding time?	Yes Z	No □		
Temperature in compliance?	Yes 🏚	No□	Temp: 3.4	
Where was the temperature reading taken at?	Sample □	Temp Blank		Wet Ice Present
Water - VOA vials have zero headspace?	Yes Z	•	Other:	
Water - pH acceptable upon receipt?	Yes Zi	No □	N/A 🗆	-010
Water - Sulfides present in Cyanide samples?	Yes 🗆	No □	N/A □	Checked by:
Dissolved Water Analytes - Field Filtered?	Yes Z	No□ No□	N/A Z	
			N/A Ø	
Comments:				
Person contacted: Date contacted	•	Contacted b	77.	
Regarding:				
•				
Corrective Action:				
Corrective Action:				



Project Manager: Client Name:

TRANSWEST

GEOCHEM

3725 E. Atlanta Ave. Phoenix, Arizona 85040 Phone: (602) 437-0330 Fax: (602) 437-0660

3860 S. Palo Verde Rd., Ste. 301 Tucson, Arizona 85714

JuaBa GATTA

Phone: (520) 573-1061 Fax: (520) 573-1063

Chain of Custody

TGI Work Order No: 05080 391

			Date <u><i>ら</i></u> -み)	-08
Ruth	Bill To:		6 0	
E			Scott Ruth	
Environmental Remodiction Sorviors		Bristal	Environmental	Romodi
16th Apr Ste 301	Address:	10	1.46	

Aug.	BUGTO!	Ensin	nnen	al K	modi	<u>: {/or</u>	<u>ء ک</u>	Nio	-5	Con	npany	r.			Bas	61	En	-17 / 7	2		2/	Rose	المحالمه	ion Sc	~~~	ј_
Address:	<u> 111 w.</u>	16 +4	Auc	Ste		1				Add	ress:				nı	14		111	4 6	Tur		301		- Je	21 UT CI	7
City, State, Zip:	Ancho			950	j	,				City	Stat	e, Zip):		A	ck	<i>γο ι</i> .Σ	(40 ·		100	<u>. 3</u>					-
Phone:	907-5	63- OO	3 Fax	9	77-5	543	- 6	7/3	3	Pho	ne:				Ar 90	つ-	$\overline{\mathbf{c}}$	7 - Cx	<u>√ ₹</u>	7	ax:	95			7 -3	
P.O. No.:					1.90									*******							dx.		407-	<u>S63-</u>	61/3]
Project Name:	Bond +	0 - 1				\ \	- 1		T 70	т	T			AN	ALYS	IS A	EQU	EST								
Project Number:	Shire	-x, NM	1				<	.) emi	٥				Ö												1
	SAMELE RE			100	1 6	<u> </u>	Volatile		Semi-Volatile	Organ				\$51	1											
Temperature:	1 2	. Ц	lce:							oçhlorine				plued	3	•		1						,		
Received Intact:	/(es)	No N/A	364 (5090)	/ Kresent			Organics	S.	Orgar	orine			1		50											
Custody Seals:		No N/A		y Blue	121	- -	S S	DWA	ics (Pes			1 1	0												
Total No. of Containers:		10 (4)	Sampled			. - Ι	MS	Vola	Ğ.M.	Pesticides	11	PAH,	8	· /	8											
		T.		1	8	(801 EX	624	illes	S (62		PCB's	ï, EPA	RCRA	8	0									٠		l
Sample Identification	n Matrix	Date Sampled	Time Sampled	Lab ID	15	AZA (802	(8260B))	522	(625/8270)	(608/8081	s, (8c	A (83	A Me	60108								l				ľ
W/12 -7					ä	<u> </u>		(5)	70)	81))82)	(8310)	tals				ŀ						(Comments		i f
Mw-7	#20				11 7	<u> </u>	X	 						X	X									zoninients	······································	
MW-4		5-21-08			11	4	X							メ	X								·····			
MW-6		5-21-08			11 /	Χ	L'X							X	X				1			+				
MW-7 Dup	1/20	 	18:25		10	4	Įχ.							X)	X		1	1	1			+	S /	2 ./		_
MW -7 MS		 	18:25		10	4_	LX							Z)	X		1	1	1			+	500 1	Suplie	Ci	1/ .
MM-2 WST		<u> </u>	18125		10:	<u> </u>	X							X	X	\top	\top	1				+	10 10 11	latrix	200	ැල -
Try Blank				5	3		X								x l		1	1	T		_	-	TOT IN	atrix	Spik	-

Relinquished by: (Signature)	(Print Name)			
14 Moore	J. Moore	Received by: (Signature)	(Print Name)	Date / Time
2	Fedex	THO CA	ter in or	
3		CAS CAS	Circubol boiting	5/23/08 930
W				



July 21, 2008

Scott Ruth Bristol Environmental & Engineering 111 W. 16th Ave., Ste 301 Anchorage, AK 99501

Re: Bond & Bond/Shiprock, NM Work Order No.: 08050391

Dear Scott,

Attached is the original Report of Analysis from Columbia Analytical Services, Inc. (AZ0694) for the samples received on 5/23/08. The following analysis was performed:

Method EPA 8260B - Volatile Organic Compounds

If you have any questions regarding the results, please call me. We appreciate your business and thank you for choosing Columbia Analytical Services.

Sincerely,

Marcia A. Smith Project Manager

ADHS License No. AZ0133/AZ0667/AZM133



LABORATORY REPORT

June 6, 2008

Marcia Smith Columbia Analytical Services, Inc. 3725 East Atlanta Avenue, Suite 2 Phoenix, AZ 85040-2960

RE: Bond & Bond Shiprock, NM

Dear Marcia:

Enclosed are the results of the samples submitted to our laboratory on June 2, 2008. For your reference, these analyses have been assigned our service request number P0801650.

All analyses were performed in accordance with our laboratory's quality assurance program. Results are intended to be considered in their entirety and apply only to the samples analyzed and reported herein. Your report contains _______ pages.

Columbia Analytical Services, Inc. is certified by the California Department of Health Services, NELAP Laboratory Certificate No. 02115CA; Arizona Department of Health Services, Certificate No. AZ0694; Florida Department of Health, NELAP Certification E871020; New Jersey Department of Environmental Protection, NELAP Laboratory Certification ID #CA009; New York State Department of Health, NELAP NY Lab ID No: 11221; Oregon Environmental Laboratory Accreditation Program, NELAP ID: CA20007; The American Industrial Hygiene Association, Laboratory #101661; Department of the Navy (NFESC); Pennsylvania Registration No. 68-03307. Each of the certifications listed above have an explicit Scope of Accreditation that applies to specific matrices/methods/analytes; therefore, please contact me for information corresponding to a particular certification.

If you have any questions, please call me at (805) 526-7161.

Judderste

Respectfully submitted,

Columbia Analytical Services, Inc.

Sue Anderson

Project Manager



Client: Project:

Columbia Analytical Services, Inc.

Bond & Bond Shiprock, NM

CAS Project No:

P0801650

Arizona License No: AZ0694

CASE NARRATIVE

The samples were received intact under chain of custody on June 2, 2008 and were stored in accordance with the analytical method requirements. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the samples at the time of sample receipt.

Volatile Organic Compounds by EPA Method 8260B

The primary evaluation criterion was exceeded for Bromoform in Initial Calibration (ICAL) ID CAL1392. The result of the RSD calculation for Bromoform was 22.9%. The analyte in question was not detected in the associated field samples.

The upper control criterion was exceeded for sec-Butylbenzene in the following Laboratory Control Samples: PWG0800739-3 and PWG0800743-3. The analyte in question was not detected in the associated field samples except for MW-7 (P0801650-001) and MW-7 DUP (P0801650-004). The error associated with the elevated recovery equates to a high bias; therefore, the sample data has not been significantly affected for the samples that were non-detect for this analyte. Samples MW-7 (P0801650-001) and MW-7 DUP (P0801650-004) were reanalyzed one day past the recommended holding time with a Laboratory Control Sample that yielded acceptable recovery. The results were comparable to the original analysis, which indicated the problem with the initial analysis was restricted to the LCS; therefore, the original results have been reported. The data has been flagged accordingly. No corrective action was taken.

The Relative Percent Difference (RPD) for several analytes in the sample matrix spikes MW-4MS (PWG0800739-1) and MW-4DMS (PWG0800739-2) were outside control criteria. However, precision for these compounds was exhibited by the analysis of the Laboratory Control Sample (LCS) run in duplicate, which has also been reported. No further corrective action was taken.

The results of analyses are given in the attached laboratory report. All results are intended to be considered in their entirety, and Columbia Analytical Services, Inc. (CAS) is not responsible for utilization of less than the complete report.

Client: Project:

Columbia Analytical Services, Inc.

Bond & Bond Shiprock, NM

Service Request: P0801650

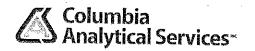
SAMPLE CROSS-REFERENCE

SAMPLE#	CLIENT SAMPLE ID	DATE	TIME
P0801650-001	MW-7	05/21/08	
P0801650-002	MW-4	05/21/08	18:25
P0801650-003	MW-6	05/21/08	17:59 17:40
P0801650-004	MW-7 DUP	05/21/08	18:25
P0801650-005	TRIP BLANK	05/21/08	18:25

Columbia Analytical Services, Inc.

Acronyms

CA LUFT	California DHS LUFT Method
ASTM	American Society for Testing and Materials
BTEX	Benzene/Toluene/Ethylbenzene/Xylenes
CAS Number	Chemical Abstract Service Registry Number
CFC	Chlorofluorocarbon
CRDL	Contract Required Detection Limit
DLCS	Duplicate Laboratory Control Sample
DMS	Duplicate Matrix Spike
DOH or DHS	Department of Health Services
EPA	U.S. Environmental Protection Agency
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
IC	Ion Chromatography
ICB	Initial Calibration Blank
ICV	Initial Calibration Verification
LCS	Laboratory Control Sample
LUFT	Leaking Underground Fuel Tank
M	Modified Method
MDL	Method Detection Limit
MRL	Method Reporting Limit
MS	Matrix Spike
MTBE	Methyl tert-Butyl Ether
NA .	Not Applicable
NC	Not Calculated
ND	None Detected at or above the Method Reporting/Detection Limit (MRL/MDL)
NTU	Nephelometric Turbidity Units
ppb	Parts Per Billion
ppm	Parts Per Million
PQL	Practical Quantitation Limit
QA/QC	Quality Assurance/Quality Control
RCRA	Resource Conservation and Recovery Act
RPD	Relative Percent Difference
SIM	Selected Ion Monitoring
SM	Standard Methods for the Examination of Water and Wastewater, 19th Ed., 1995.
SW	Test Methods for Evaluating Solid Waste, Physical/Chemical Methods SW-846,
	Third Edition, 1986 and as amended by Updates I, II, IIA, and IIB.
TDS	Total Dissolved Solids
TPH	Total Petroleum Hydrocarbons
TSS	Total Suspended Solids
TTLC	Total Threshold Limit Concentration
VOA	Volatile Organic Analyte(s)
VOC	Volatile Organic Compound(s)
	Qualifiers
Fĭ	
U	The compound was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL.
) D	The result is an estimated concentration that is less than the MRL (PQL), but greater than or equal to the MDL.
8	Analyte detected in the method blank above MRL (PQL).
E	Estimated; result based on response which exceeded the instrument calibration range.
N	The result is presumptive. The analyte was tentatively identified, but a confirmation analysis was not performed.
	The reported result is from a dilution.
D X	See case narrative,



CHAIN-OF-CUSTODY

Page 1 of 1

Marcia A. Smith

3725 E. Atlanta Avenue

TEL:

(602) 437-0330

Work Order: 08050391

Phoenix, AZ 85040

(602) 437-0660

Project: Bond & Bond Shiprock, NM

Subcontractor:

Columbia Analytical 2655 Park Center Dr., Ste. A TEL: FAX:

FAX:

(805) 526-7161 (805) 526-7270

Simi Valley, CA 93065

30-May-08

Client Sample ID	TGI ID	Matrix	Collection Date	Containers
MW-7	01B	Aqueous	5/21/2008 6:25:00 PM	9
MW-4	02B	Aqueous	5/21/2008 5:59:00 PM	3
MW-6	03B	Aqueous	5/21/2008 5:40:00 PM	3
MW-7 DUP	04B	Aqueous	5/21/2008 6:25:00 PM	3
TRIP BLANK	05A	Trip Blank	5/21/2008 6:25:00 PM	1

	Requested Tests
8260B_W	
1	
1	
1	
1	
1	

8260B_W = Volatile Organics by GC/MS

Comments: After analysis, the samples do not need to be returned and can be disposed per your standard laboratory practices. Please provide a QC report, including Method Blank data.

Sa	imple Receipt 🦳	
Temperature:	Ambient / Cold	Ice:
Received Intact:	CKD	Absent / Present
Custody Seals:	MA	Wet/ Blue
Total No. of Containers:	19	₩°C.

Date/Time Relinquished by

Received by:

Received by:

Received by:

Date/Time

Relinquished by:

Relinquished by:

Columbia Analytical Services, Inc. Sample Acceptance Check Form

Client: Columbia Analytical Services, Inc.	Work order:	P0801650					
Project: Bond & Bond Shiprock, NM		- 30022	***************************************				
Sample(s) received on: 6/2/08	Date opened: 6/2/08	by:	LKU	KITA			
Note: This form is used for all samples received by CAS. The u	se of this form for custody seals is strictly meant to indicate	presence/absence and	not as ar	indicati	on of		
compliance or nonconformity. Thermal preservation and pH wi	ll only be evaluated either at the request of the client and/or a	is required by the met	nod/SOP.				
1 Were sample containers properly market	I with aliant and to ITSO		Yes	<u>No</u>	<u>N/A</u>		
2 Container(s) supplied by CAS?	1 with cheft sample 1D?		\boxtimes				
	THE		\boxtimes				
3 Did sample containers arrive in good con			X				
Were chain-of-custody papers used and f			\boxtimes				
5 Did sample container labels and/or tags			\boxtimes				
6 Was sample volume received adequate for			X				
7 Are samples within specified holding time	s?		\boxtimes				
8 Was proper temperature (thermal preserv	vation) of cooler at receipt adhered to?		X				
Cooler Temperature	°C Blank Temperature 4	°C		_			
9 Was a trip blank received?	r e		X				
Trip blank supplied by CAS: Serial #	CAS-PHX -TB		تكنا	Ц			
Were custody seals on outside of cooler/E				(C)			
Location of seal(s)?		Cooling Tido		X			
Were signature and date included?		Sealing Lid?			\boxtimes		
Were seals intact?					\boxtimes		
Were custody seals on outside of sample c	ontainor				\boxtimes		
Location of seal(s)?	Sittatrici ?			X			
Were signature and date included?		Sealing Lid?			X		
Were seals intact?					\boxtimes		
					\times		
Do containers have appropriate preservati	on, according to method/SOP or Client specified	information?	X				
Is there a client indication that the submitt			\times				
Were VOA vials checked for presence/ab			X				
Does the client/method/SOP require that the	ne analyst check the sample pH and if necessary	alter it?	. 🗆		X		
12 Tubes: Are the tubes capped and					X		
Do they contain moisture	·?				\boxtimes		
13 Badges: Are the badges properly	capped and intact?						
	arated and individually capped and intact?	÷			X		
					X		
Lab Sample ID Container Required Description pF			/Prese	rvation			
	[* pH pH (Presence/Absence	e) C	omment	S			
20801650-001.01 40mi VOA HCL	<2 A						
P0801650-001.02 40ml VOA HCL 20801650-001.03 40ml VOA HCL	<2 A						
	<2 A						
.0004.650.004.65	01650 001 05 A 1330 A 1						
0801650-001.06 40ml VOA HCL	N650 001 06						
0801650-001.07 40ml VOA HCL	AAA		**************************************				
Explain any discrepancies: (include lab sample ID number							
			·				

^{*}Required pH: Phenols/COD/NH3/TOC/TOX/NO3+NO2/TKN/T.PHOS, H2SO4 (pH<2); Metals, HNO3 (pH<2); CN (NaOH or NaOH/Asc Acid) (pH>12);

Columbia Analytical Services, Inc. Sample Acceptance Check Form

Client: Columbia Analytical Services, Inc.		Work order:	P0801650		
Project: Bond & Bond Shiprock, NM	****		10001000		
Sample(s) received on: 6/2/08	Date opened	: 6/2/08	bv:	LKUKITA	

Lab Sample ID	Container	Required	Received	Adjusted	T.,	
	Description	bH.	pH	pH	VOA Headspace (Presence/Absence)	
P0801650-001.08	40ml VOA HCL		T	<u> </u>		I The state of the
P0801650-001.09	40ml VOA HCL			<u> </u>	A	
P0801650-002.01	40ml VOA HCL		<2		A	
P0801650-002.02	40ml VOA HCL					
P0801650-002.03	40ml VOA HCL				A	
P0801650-003.01	40ml VOA HCL		<2		A	
P0801650-003.02	40ml VOA HCL				A	
P0801650-003.03	40ml VOA HCL				A	
P0801650-004.01	40ml VOA HCL		<2		A	
P0801650-004.02	40ml VOA HCL				A	
P0801650-004.03	40ml VOA HCL	-			A	
P0801650-005.01	40ml VOA HCL		<2		A	
}					A	
	1					
· ·						
			···			
						· · · · · · · · · · · · · · · · · · ·
)						
·						
,		·				

Explain any discrepancies: (include lab sample ID numbers):	

Analytical Results

Client:

Columbia Analytical Services, Inc. - TGI

Project:

Bond & Bond Shiprock, NM

Sample Matrix:

Water

Service Request: P0801650

Date Collected: 05/21/2008

Date Received: 06/02/2008

Volatile Organic Compounds

Sample Name:

MW-7

Lab Code:

P0801650-001

Extraction Method:

EPA 5030C

Analysis Method:

8260B

Units: ug/L Basis: NA

Level: Low

			Dilution	Date	Date	
Analyte Name	Result Q	MRL	Factor	Extracted	Analyzed	Arizona Qualifier
1,1,2-Tetrachloroethane	ND U	0.50	1	06/04/08	06/04/08	
1,1,1-Trichloroethane (TCA)	ND U	0.50	1	06/04/08	06/04/08	
1,1,2,2-Tetrachloroethane	ND U	0.50	1	06/04/08	06/04/08	
1,1,2-Trichloroethane	ND U	0.50	1 ·	06/04/08	06/04/08	
1,1-Dichloroethane	ND U	0.50	1	06/04/08	06/04/08	
1,1-Dichloroethene	ND U	0.50	1	06/04/08	06/04/08	
1,1-Dichloropropene	ND U	0.50	1	06/04/08	06/04/08	
1,2,3-Trichlorobenzene	ND U	1.0	1	06/04/08	06/04/08	
1,2,3-Trichloropropane	ND U	0.50	1	06/04/08	06/04/08	
1,2,4-Trichlorobenzene	ND U	1.0	1	06/04/08	06/04/08	
1,2,4-Trimethylbenzene	. 25	1.0	1	06/04/08	06/04/08	
1,2-Dibromo-3-chloropropane	ND U	2.0	1	06/04/08	06/04/08	
1,2-Dibromoethane (EDB)	ND U	1.0	1	06/04/08	06/04/08	· .
1,2-Dichlorobenzene	ND U	0.50	1	06/04/08	06/04/08	
1,2-Dichloroethane (EDC)	ND U	0.50	1	06/04/08	06/04/08	
1,2-Dichloropropane	ND U	0.50	1	06/04/08	06/04/08	
1,3,5-Trimethylbenzene	ND U	1.0	1	06/04/08	06/04/08	
1,3-Dichlorobenzene	ND U	0.50	1	06/04/08	06/04/08	
1,3-Dichloropropane	ND U	0.50	1	06/04/08	06/04/08	
1,4-Dichlorobenzene	ND U	0.50	1	06/04/08	06/04/08	
2,2-Dichloropropane	ND U	0.50	1	06/04/08	06/04/08	
2-Butanone (MEK)	ND U	10	1	06/04/08	06/04/08	
2-Chlorotoluene	ND U	1.0	1	06/04/08	06/04/08	•
2-Hexanone	ND U	10	. 1	06/04/08	06/04/08	
4-Chlorotoluene	ND U	1.0	1	06/04/08	06/04/08	
4-Isopropyltoluene	ND U	1.0	1 .	06/04/08	06/04/08	•
4-Methyl-2-pentanone (MIBK)	ND U	10	1	06/04/08	06/04/08	
Acetone	ND U	10	1	06/04/08	06/04/08	
Benzene	1.2	0.50	1	06/04/08	06/04/08	
Bromobenzene	ND U	1.0	1	06/04/08	06/04/08	
Bromochloromethane	ND U	0.50	1	06/04/08	06/04/08	
Bromodichloromethane	ND U	1.0	1	06/04/08	06/04/08	
Bromoform	ND U	1.0	1	06/04/08	06/04/08	
1000 MANUTE - 1000 - 10		***************************************				

Comments:

Analyst: CCapolup

Printed: 06/06/2008 12:00:22 PASTEALTH\CRYSTAL.RPT\Form1m.rpt

Form 1A - Organic

Page 1 of **8**

SuperSet Reference: RR14669

Analytical Results

Client:

Columbia Analytical Services, Inc. - TGI

Project:

Bond & Bond Shiprock, NM

Sample Matrix:

Water

Service Request: P0801650

Date Collected: 05/21/2008 Date Received: 06/02/2008

Volatile Organic Compounds

Sample Name:

MW-7

Lab Code:

P0801650-001

Extraction Method:

EPA 5030C

Analysis Method:

8260B

Units: ug/L Basis: NA

Level: Low

Analyte Name	Result Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Arizona Qualifier
Bromomethane	ND U	1.0	1	06/04/08	06/04/08	Zamilei
Carbon Disulfide	ND U	2.0	1	06/04/08	06/04/08	
Carbon Tetrachloride	ND U	0.50	1	06/04/08	06/04/08	
Chlorobenzene	ND U	0.50	1	06/04/08	06/04/08	
Chloroethane	ND U	1.0	1	06/04/08	06/04/08	
Chloroform	ND U	0.50	1	06/04/08	06/04/08	
Chloromethane	ND U	1.0	1	06/04/08	06/04/08	PORT 140-4 15.
cis-1,2-Dichloroethene	ND U	0.50	1	06/04/08	06/04/08	
cis-1,3-Dichloropropene	ND U	0.50	1	06/04/08	06/04/08	
Dibromochloromethane	ND U	1.0	. 1	06/04/08	06/04/08	AND THE PARTY OF T
Dibromomethane	ND U	0.50	1	06/04/08	06/04/08	
Dichlorodifluoromethane	ND U	1.0	1	06/04/08	06/04/08	
Ethylbenzene	130	0.50	1	06/04/08	06/04/08	Parties of the second s
Hexachlorobutadiene	ND U	1.0	1	06/04/08	06/04/08	
Iodomethane	ND U	10	1	06/04/08	06/04/08	
Isopropylbenzene	47	1.0	1	06/04/08	06/04/08	
Total Xylenes	6.5	1.5	1	06/04/08	06/04/08	
Methyl tert-Butyl Ether	ND U	2.0	1	06/04/08	06/04/08	•
Methylene Chloride	ND U	2.0	1	06/04/08	06/04/08	
n-Butylbenzene	ND U	1.0	1	06/04/08	06/04/08	
n-Propylbenzene	64	1.0	. 1	06/04/08	06/04/08	
Naphthalene	11	1.0	1	06/04/08	06/04/08	
sec-Butylbenzene	16	1.0	1	06/04/08	06/04/08	L1
Styrene	ND U	0.50	1 .	06/04/08	06/04/08	
tert-Butylbenzene	ND U	1.0	1	06/04/08	06/04/08	
Tetrachloroethene (PCE)	ND U	0.50	1	06/04/08	06/04/08	
Toluene	3.2	0.50	1	06/04/08	06/04/08	
trans-1,2-Dichloroethene	ND U	0.50	1	06/04/08	06/04/08	
trans-1,3-Dichloropropene	ND U	0.50	1	06/04/08	06/04/08	
Trichloroethene (TCE)	ND U	0.50	1	06/04/08	06/04/08	
Trichlorofluoromethane	ND U	1.0	1	06/04/08	06/04/08	
Vinyl Acetate	ND U	10	1	06/04/08	06/04/08	
Vinyl Chloride	ND U	0.50	1	06/04/08	06/04/08	

Comments:

Analyst: CCapolup

Printed: 06/06/2008 12:00:22 P:\STEALTH\CRYSTAL.RPT\Form1m.rpt

Merged

Form 1A - Organic

SuperSet Reference:

Page 2 of 3

RR14669

Analytical Results

Client:

Columbia Analytical Services, Inc. - TGI

Project:

Bond & Bond Shiprock, NM

Sample Matrix:

Water

Service Request: P0801650

Date Collected: 05/21/2008

Date Received: 06/02/2008

Volatile Organic Compounds

Sample Name:

MW-7

Lab Code:

P0801650-001

Units: ug/L

Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Arizona Qualifier	
Dibromofluoromethane	98	73-129	06/04/08		
Toluene-d8	100	76-122	06/04/08		
4-Bromofluorobenzene	108	63-118	06/04/08		

Comments:

Analyst: CCapolup

Printed: 06/06/2008 12:00:22 P:\STEALTH\CRYSTAL,RPT\Form1m.rpt

Merged

Form 1A - Organic

Page 3 of 1 Q

SuperSet Reference: RR14669

Analytical Results

Client:

Columbia Analytical Services, Inc. - TGI

Project:

Bond & Bond Shiprock, NM

Sample Matrix:

Water

Service Request: P0801650

Date Collected: 05/21/2008

Date Received: 06/02/2008

Volatile Organic Compounds

Sample Name:

MW-4

Lab Code:

P0801650-002

Extraction Method:

EPA 5030C

Analysis Method:

8260B

Units: ug/L Basis: NA

Level: Low

Analyte Name	Result	O	MRL	Dilution Factor	Date Extracted	Date Analyzed	Anizona Ouglië
1,1,1,2-Tetrachloroethane	ND		0.50	1	06/03/08	06/03/08	Arizona Qualifier
1,1,1-Trichloroethane (TCA)	ND		0.50	1	06/03/08	06/03/08	
1,1,2,2-Tetrachloroethane	ND		0.50	1	06/03/08	06/03/08	
1,1,2-Trichloroethane	ND		0.50	1	06/03/08	06/03/08	
1,1-Dichloroethane	ND		0.50	1	06/03/08	06/03/08	
1,1-Dichloroethene	ND		0.50	1	06/03/08	06/03/08	
1,1-Dichloropropene	ND		0.50	1	06/03/08	06/03/08	
1,2,3-Trichlorobenzene	ND		1.0	# # # # # # # # # # # # # # # # # # #	06/03/08	06/03/08	
1,2,3-Trichloropropane	ND		0.50	1	06/03/08	06/03/08	•
1,2,4-Trichlorobenzene	ND		1.0	1	06/03/08	06/03/08	- 1000
1,2,4-Trimethylbenzene	ND '		1.0	1	06/03/08	06/03/08	
1,2-Dibromo-3-chloropropane	ND		2.0	1	06/03/08	06/03/08	
1,2-Dibromoethane (EDB)	ND		1.0	1	06/03/08	06/03/08	,
1,2-Dichlorobenzene	ND 1		0.50	1	06/03/08	06/03/08	
1,2-Dichloroethane (EDC)	ND 1		0.50	1	06/03/08	06/03/08	
1,2-Dichloropropane	ND	U	0.50	1	06/03/08	06/03/08	- 100
,3,5-Trimethylbenzene	ND 1		1.0	1	06/03/08	06/03/08	
1,3-Dichlorobenzene	ND 1		0.50	1	06/03/08	06/03/08	
,3-Dichloropropane	ND 1	U	0.50	1	06/03/08	06/03/08	
1,4-Dichlorobenzene	ND 1	U	0.50	1	06/03/08	06/03/08	
2,2-Dichloropropane	ND 1	U	0.50	1	06/03/08	06/03/08	
P-Butanone (MEK)	ND 1	U	10	. 1	06/03/08	06/03/08	
2-Chlorotoluene	ND 1	U	1.0	1	06/03/08	06/03/08	
2-Hexanone	ND I	U	10	1	06/03/08	06/03/08	
l-Chlorotoluene	ND I	U	1.0	1	06/03/08	06/03/08	
-Isopropyltoluene	. ND U	U	1.0	1	06/03/08	06/03/08	
-Methyl-2-pentanone (MIBK)	ND (U	10	1	06/03/08	06/03/08	
cetone	ND U	U	10	1	06/03/08	06/03/08	
Benzene	ND U	U	0.50	1	06/03/08	06/03/08	
Bromobenzene	ND U	U	1.0	1	06/03/08	06/03/08	
Bromochloromethane	ND U	Ū į	0.50	. 1	06/03/08	06/03/08	- 100000 10000 1000
Bromodichloromethane	ND U	U	1.0	1	06/03/08	06/03/08	
Bromoform	ND U	IJ	1.0	1	06/03/08	06/03/08	

Comments:

Analyst: CCapolup

Printed: 06/06/2008 12:00:24 P:\STEALTH\CRYSTAL.RPT\Form1m.rpt

Merged

Form 1A - Organic

RR14669

SuperSet Reference:

Page 1 of 1

Analytical Results

Client:

Columbia Analytical Services, Inc. - TGI

Project:

Bond & Bond Shiprock, NM

Sample Matrix:

Water

Service Request: P0801650

Date Collected: 05/21/2008 Date Received: 06/02/2008

Volatile Organic Compounds

Sample Name:

MW-4

Lab Code:

P0801650-002

Extraction Method:

EPA 5030C

Analysis Method:

8260B

Units: ug/L

Basis: NA

Level: Low

Analyte Name	Result Q	MRL	Dilution	Date	Date	
Bromomethane	ND U		Factor	Extracted		Arizona Qualifier
Carbon Disulfide	ND U	1.0	1	06/03/08	06/03/08	
Carbon Tetrachloride	ND U	2.0	1	06/03/08	06/03/08	
		0.50	1	06/03/08	06/03/08	
Chlorobenzene	ND U	0.50	1	06/03/08	06/03/08	
Chloroethane	ND U	1.0	1	06/03/08	06/03/08	
Chloroform	ND U	0.50	1	06/03/08	06/03/08	
Chloromethane	ND U	1.0	1	06/03/08	06/03/08	
cis-1,2-Dichloroethene	ND U	0.50	1	06/03/08	06/03/08	
cis-1,3-Dichloropropene	ND U	0.50	1	06/03/08	06/03/08	
Dibromochloromethane	ND U	1.0	1	06/03/08	06/03/08	
Dibromomethane	ND U	0.50	1	06/03/08	06/03/08	
Dichlorodifluoromethane	ND U	1.0	1	06/03/08	06/03/08	
Ethylbenzene	ND U	0.50	1	06/03/08	06/03/08	
Hexachlorobutadiene	ND U	1.0	1	06/03/08	06/03/08	
Iodomethane	ND U	10	1	06/03/08	06/03/08	
Isopropylbenzene	ND U	1.0				
Total Xylenes	ND U	1.5	1	06/03/08	06/03/08	
Methyl tert-Butyl Ether	ND U	2.0	1	06/03/08	06/03/08	
Methylene Chloride	· · · · · · · · · · · · · · · · · · ·		1	06/03/08	06/03/08	
n-Butylbenzene	ND U	2.0	1	06/03/08	06/03/08	
n-Propylbenzene	ND U	1.0	1	06/03/08	06/03/08	
	ND U	1.0	1	06/03/08	06/03/08	·
Naphthalene	ND U	1.0	1	06/03/08	06/03/08	
sec-Butylbenzene	ND U	1.0	1	06/03/08	06/03/08	L1
Styrene	ND U	0.50	1	06/03/08	06/03/08	
tert-Butylbenzene	ND U	1.0	1	06/03/08	06/03/08	
Tetrachloroethene (PCE)	ND U	0.50	: 1	06/03/08	06/03/08	
Toluene	ND U	0.50	1	06/03/08	06/03/08	
trans-1,2-Dichloroethene	ND U	0.50	1	06/03/08	06/03/08	
trans-1,3-Dichloropropene	ND U	0.50	1	06/03/08	06/03/08	
Trichloroethene (TCE)	ND U	0.50	1	06/03/08	06/03/08	
Trichlorofluoromethane	ND U	1.0	1	06/03/08		
Vinyl Acetate	ND U	10	1	06/03/08	06/03/08	
Vinyl Chloride	ND U	0.50	1	06/03/08	06/03/08	
	112 0	0.20	1	00/03/06	06/03/08	

Comments:

Analyst: CCapolup

Printed: 06/06/2008 12:00:24 $P: \label{lem:linear_potential} P: \label{linear_potential} P: \label{linear_pot$

Form 1A - Organic

Page

SuperSet Reference:

RR14669

Analytical Results

Client:

Columbia Analytical Services, Inc. - TGI

Project:

Bond & Bond Shiprock, NM

Sample Matrix:

Water

Service Request: P0801650

Date Collected: 05/21/2008

Date Received: 06/02/2008

Volatile Organic Compounds

Sample Name:

MW-4

Lab Code:

P0801650-002

Units: ug/L

Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Arizona Qualifier
Dibromofluoromethane	95	73-129	06/03/08	
Toluene-d8	98	76-122	06/03/08	
4-Bromofluorobenzene	94	63-118	06/03/08	

Comments:

Analyst: CCapolup

Printed: 06/06/2008 12:00:24 P:\STEALTH\CRYSTAL.RPT\Formim.rpt

Form 1A - Organic

SuperSet Reference: RR14669

Page 3 of 13

Merged

Analytical Results

Client:

Columbia Analytical Services, Inc. - TGI

Project:

Bond & Bond Shiprock, NM

Sample Matrix:

Water

Service Request: P0801650

Date Collected: 05/21/2008

Date Received: 06/02/2008

Volatile Organic Compounds

Sample Name:

MW-6

Lab Code:

P0801650-003

Extraction Method:

EPA 5030C

Analysis Method:

8260B

Units: ug/L Basis: NA

Level: Low

		,	Dilution	Date	Date	
Analyte Name	Result Q	MRL	Factor	Extracted	Analyzed	Arizona Qualifier
1,1,1,2-Tetrachloroethane	ND U	0.50	1	06/03/08	06/03/08	
1,1,1-Trichloroethane (TCA)	ND U	0.50	1	06/03/08	06/03/08	
1,1,2,2-Tetrachloroethane	ND U	0.50	1	06/03/08	06/03/08	
1,1,2-Trichloroethane	ND U	0.50	1	06/03/08	06/03/08	
1,1-Dichloroethane	ND U	0.50	1	06/03/08	06/03/08	
1,1-Dichloroethene	ND U	0.50	1	06/03/08	06/03/08	
1,1-Dichloropropene	ND U	0.50	1	06/03/08	06/03/08	
1,2,3-Trichlorobenzene	ND U	1.0	1	06/03/08	06/03/08	
1,2,3-Trichloropropane	ND U	0.50	1	06/03/08	06/03/08	
1,2,4-Trichlorobenzene	ND U	1.0	1	06/03/08	06/03/08	
1,2,4-Trimethylbenzene	ND U	1.0	Ī	06/03/08	06/03/08	
1,2-Dibromo-3-chloropropane	ND U	2.0	1	06/03/08	06/03/08	
1,2-Dibromoethane (EDB)	ND U	1.0	1	06/03/08	06/03/08	
1,2-Dichlorobenzene	ND U	0.50	1	06/03/08	06/03/08	
1,2-Dichloroethane (EDC)	ND U	0.50	1	06/03/08		
1,2-Dichloropropane	ND U	0.50			06/03/08	
1,3,5-Trimethylbenzene	ND U	1.0	1	06/03/08	06/03/08	
1,3-Dichlorobenzene	ND U	0.50	1	06/03/08	06/03/08	
1,3-Dichloropropane	ND U		·	06/03/08	06/03/08	1,000
1,4-Dichlorobenzene	ND U	0.50	1	06/03/08	06/03/08	
2,2-Dichloropropane	ND U	0.50	1	06/03/08	06/03/08	
		0.50	1	06/03/08	06/03/08	
2-Butanone (MEK)	ND U	10	1	06/03/08	06/03/08	
2-Chlorotoluene	ND U	1.0	1	06/03/08	06/03/08	
2-Hexanone	ND U	10	1	06/03/08	06/03/08	
4-Chlorotoluene	ND U	1.0	1	06/03/08	06/03/08	
4-Isopropyltoluene	ND U	1.0	1 .	06/03/08	06/03/08	
4-Methyl-2-pentanone (MIBK)	ND U	10	1	06/03/08	06/03/08	
Acetone	ND U	10	1	06/03/08	06/03/08	
Benzene	ND U	0.50	1	06/03/08	06/03/08	
Bromobenzene	ND U	1.0	1	06/03/08	06/03/08	
Bromochloromethane	ND U	0.50	1	06/03/08	06/03/08	
Bromodichloromethane	ND U	1.0	1	06/03/08	06/03/08	
Bromoform	ND U	1.0	1	06/03/08	06/03/08	
Poil Albany Power Poil And Albany Power Po				17.00		

Comments:

Analyst: CCapolup

Printed: 06/06/2008 12:00:26 P:\STEALTH\CRYSTAL.RPT\Formlm.rpt

Form 1A - Organic

Page

SuperSet Reference: RR14669

Analytical Results

Client:

Columbia Analytical Services, Inc. - TGI

Project:

Bond & Bond Shiprock, NM

Sample Matrix:

Water

Service Request: P0801650

Date Collected: 05/21/2008

Date Received: 06/02/2008

Volatile Organic Compounds

Sample Name:

MW-6

Lab Code:

P0801650-003

Extraction Method:

EPA 5030C

Analysis Method:

8260B

Units: ug/L Basis: NA

Level: Low

Analyte Name	Result Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Arizona Qualifier
Bromomethane	ND U	1.0	1	06/03/08	06/03/08	TITIZOMA QUADITO
Carbon Disulfide	ND U	2.0	1	06/03/08	06/03/08	
Carbon Tetrachloride	ND U	0.50	1	06/03/08	06/03/08	
Chlorobenzene	. ND U	0.50	1	06/03/08	06/03/08	
Chloroethane	ND U	1.0	1	06/03/08	06/03/08	•
Chloroform	ND U	0.50	1	06/03/08	06/03/08	
Chloromethane	ND U	1.0	1	06/03/08	06/03/08	
cis-1,2-Dichloroethene	ND U	0.50	1	06/03/08	06/03/08	
cis-1,3-Dichloropropene	ND U	0.50	1	06/03/08	06/03/08	
Dibromochloromethane	ND U	1.0	1	06/03/08	06/03/08	
Dibromomethane	ND U	0.50	1	06/03/08	06/03/08	•
Dichlorodifluoromethane	ND .U	1.0	• 1	06/03/08	06/03/08	
Ethylbenzene	ND U	0.50	1	06/03/08	06/03/08	
Hexachlorobutadiene	ND U	1.0	. 1	06/03/08	06/03/08	
Iodomethane	ND U	10	1	06/03/08	06/03/08	
Isopropylbenzene	ND U	1.0	1	06/03/08	06/03/08	
Total Xylenes	ND U	1.5	1	06/03/08	06/03/08	
Methyl tert-Butyl Ether	ND U	2.0	1	06/03/08	06/03/08	
Methylene Chloride	ND U	2.0	1	06/03/08	06/03/08	
n-Butylbenzene	ND U	1.0	1	06/03/08	06/03/08	*
n-Propylbenzene	ND U	1.0	1	06/03/08	06/03/08	
Naphthalene	ND U	1.0	1	06/03/08	06/03/08	
sec-Butylbenzene	ND U	1.0	1	06/03/08	06/03/08	L1
Styrene	ND U	0.50	. 1	06/03/08	06/03/08	
tert-Butylbenzene	ND U	1.0	1	06/03/08	06/03/08	
Tetrachloroethene (PCE)	ND U	0.50	1	06/03/08	06/03/08	
Toluene	ND U	0.50	1	06/03/08	06/03/08	•
trans-1,2-Dichloroethene	ND U	0.50	1	06/03/08	06/03/08	
trans-1,3-Dichloropropene	ND U	0.50	1	06/03/08	06/03/08	
Trichloroethene (TCE)	ND U	0.50	1	06/03/08	06/03/08	
Trichlorofluoromethane	ND U	1.0	1	06/03/08	06/03/08	
Vinyl Acetate	ND U	10	1	06/03/08	06/03/08	
Vinyl Chloride	ND U	0.50	1	06/03/08	06/03/08	

Comments:

Analyst: CCapolup

Printed: 06/06/2008 12:00:26 P:\STEALTH\CRYSTAL.RPT\Form1m.rpt

Form 1A - Organic

Page 2 of 15

SuperSet Reference:

RR14669

Analytical Results

Client:

Columbia Analytical Services, Inc. - TGI

Project:

Bond & Bond Shiprock, NM

Sample Matrix:

Water

Service Request: P0801650

Date Collected: 05/21/2008

Date Received: 06/02/2008

Volatile Organic Compounds

Sample Name:

MW-6

Lab Code:

P0801650-003

Units: ug/L

Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Arizona Qualifier
Dibromofluoromethane	96	73-129	06/03/08	
Toluene-d8	100	76-122	06/03/08	
4-Bromofluorobenzene	94	63-118	06/03/08	

Comments:

Analyst: CCapolup

Printed: 06/06/2008 12:00:26 P:\STEALTH\CRYSTAL.RPT\Form1m.rpt

Merged

Analytical Results

Client:

Columbia Analytical Services, Inc. - TGI

Project:

Bond & Bond Shiprock, NM

Sample Matrix:

Water .

Service Request: P0801650

Date Collected: 05/21/2008

Date Received: 06/02/2008

Volatile Organic Compounds

Sample Name:

MW-7 DUP

Lab Code:

P0801650-004

Extraction Method:

EPA 5030C

Analysis Method:

8260B

Units: ug/L Basis: NA

Level: Low

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Arizona Qualifier
1,1,1,2-Tetrachloroethane	ND	U	0.50	1	06/03/08	06/03/08	<u> </u>
1,1,1-Trichloroethane (TCA)	ND	U	0.50	1	06/03/08	06/03/08	
1,1,2,2-Tetrachloroethane	ND	U	0.50	1	06/03/08	06/03/08	
1,1,2-Trichloroethane	ND	U	0.50	1	06/03/08	06/03/08	
1,1-Dichloroethane	ND	U	0.50	1	06/03/08	06/03/08	
1,1-Dichloroethene	ND	U	0.50	1	06/03/08	06/03/08	
1,1-Dichloropropene	ND	U	0.50	1	06/03/08	06/03/08	
1,2,3-Trichlorobenzene	ND	U	1.0	1	06/03/08	06/03/08	
1,2,3-Trichloropropane	ND	U	0.50	1	06/03/08	06/03/08	
1,2,4-Trichlorobenzene	ND	U	1.0	1	06/03/08	06/03/08	
1,2,4-Trimethylbenzene	76		1.0	1	06/03/08	06/03/08	
1,2-Dibromo-3-chloropropane	ND	U	2.0	1	06/03/08	06/03/08	
1,2-Dibromoethane (EDB)	ND	U	1.0	1	06/03/08	06/03/08	
1,2-Dichlorobenzene	ND	U	0.50	1	06/03/08	06/03/08	
1,2-Dichloroethane (EDC)	ND	U	0.50	1	06/03/08	06/03/08	
1,2-Dichloropropane	ND	U	0.50	1	06/03/08	06/03/08	
1,3,5-Trimethylbenzene	1.6		1.0	1	06/03/08	06/03/08	
1,3-Dichlorobenzene	ND	U	0.50	1	06/03/08	06/03/08	
1,3-Dichloropropane	ND	U	0.50	1	06/03/08	06/03/08	
1,4-Dichlorobenzene	ND		0.50	1	06/03/08	06/03/08	
2,2-Dichloropropane	ND	U	0.50	1	06/03/08	06/03/08	
2-Butanone (MEK)	ND	Ű	10	1	06/03/08	06/03/08	
2-Chlorotoluene	ND 1	U	1.0	1	06/03/08	06/03/08	
2-Hexanone	ND 1	U	10	1	06/03/08	06/03/08	
4-Chlorotoluene	ND 1	U	1.0	1	06/03/08	06/03/08	
4-Isopropyltoluene	1.2		1.0	1	06/03/08	06/03/08	
4-Methyl-2-pentanone (MIBK)	ND 1	IJ	10	1	06/03/08	06/03/08	
Acetone	ND I	J	10	1	06/03/08	06/03/08	
Benzene	1.1		0.50	1	06/03/08	06/03/08	
Bromobenzene	ND I	J	1.0	1	06/03/08	06/03/08	
Bromochloromethane	ND T		0.50	1	06/03/08	06/03/08	
Bromodichloromethane	ND U	J	1.0	1.	06/03/08	06/03/08	•
Bromoform	ND (J	1.0	1	06/03/08	06/03/08	

Comments:

Analyst: CCapolup

Printed: 06/06/2008 12:00:28 P:\STEALTH\CRYSTAL.RPT\Form1m.rpt

Merged

Form 1A - Organic

Page

SuperSet Reference:

Analytical Results

Client:

Columbia Analytical Services, Inc. - TGI

Project:

Bond & Bond Shiprock, NM

Sample Matrix:

Water

Service Request: P0801650

Date Collected: 05/21/2008

Date Received: 06/02/2008

Volatile Organic Compounds

Sample Name:

MW-7 DUP

Lab Code:

P0801650-004

Extraction Method:

EPA 5030C

Analysis Method:

8260B

Units: ug/L Basis: NA

Level: Low

Analyte Name	Result Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Arizona Qualifier
Bromomethane	ND U	1.0	1	06/03/08	06/03/08	211120HH QUHINICI
Carbon Disulfide	ND U	2.0	1	06/03/08	06/03/08	
Carbon Tetrachloride	ND U	0.50	1	06/03/08	06/03/08	
Chlorobenzene	ND U	0.50	. 1	06/03/08	06/03/08	
Chloroethane	ND U	1.0	1	06/03/08	06/03/08	
Chloroform	ND U	0.50	1	06/03/08	06/03/08	
Chloromethane	ND U	1.0	1	06/03/08	06/03/08	
cis-1,2-Dichloroethene	ND U	0.50	1	06/03/08	06/03/08	•
cis-1,3-Dichloropropene	ND U	0.50	1	06/03/08	06/03/08	
Dibromochloromethane	ND U	1.0	1	06/03/08	06/03/08	
Dibromomethane	ND U	0.50	1	06/03/08	06/03/08	
Dichlorodifluoromethane	ND U	1.0	1	06/03/08	06/03/08	
Ethylbenzene	110	0.50	1	06/03/08	06/03/08	
Hexachlorobutadiene	ND U	1.0	1	06/03/08	06/03/08	
Iodomethane	ND U	10	1	06/03/08	06/03/08	
Isopropylbenzene	28	1.0	1	06/03/08	06/03/08	
Total Xylenes	5.8	1.5	, 1	06/03/08	06/03/08	•
Methyl tert-Butyl Ether	ND U	2.0	1	06/03/08	06/03/08	
Methylene Chloride	ND U	2.0	1	06/03/08	06/03/08	
n-Butylbenzene	ND U	1.0	I	06/03/08	06/03/08	
n-Propylbenzene	47	1.0	1	06/03/08	06/03/08	
Naphthalene	18	1.0	1	06/03/08	06/03/08	
sec-Butylbenzene	10	1.0	1	06/03/08		LI
Styrene	ND U	0.50	.1	06/03/08	06/03/08	
tert-Butylbenzene	ND U	1.0	1	06/03/08	06/03/08	
Tetrachloroethene (PCE)	ND U	0.50	1	06/03/08	06/03/08	
Toluene	3.3	0.50	1	06/03/08	06/03/08	
trans-1,2-Dichloroethene	ND U	0.50	1	06/03/08	06/03/08	Value I I I I I I I I I I I I I I I I I I I
trans-1,3-Dichloropropene	ND U	0.50	1	06/03/08	06/03/08	
Trichloroethene (TCE)	ND U	0.50	1	06/03/08	06/03/08	
Trichlorofluoromethane	ND U	1.0	1	06/03/08	06/03/08	
Vinyl Acetate	ND U	10	1	06/03/08	06/03/08	
Vinyl Chloride	ND U	0.50	1	06/03/08	06/03/08	
,		-				

Comments:

Analyst: CCapolup

Printed: 06/06/2008 12:00:28 P:\STEALTH\CRYSTAL.RPT\Form1m.rpt

Form 1A - Organic

Analytical Results

Client:

Columbia Analytical Services, Inc. - TGI

Project:

Bond & Bond Shiprock, NM

Sample Matrix:

Water

Service Request: P0801650

Date Collected: 05/21/2008

Date Received: 06/02/2008

Volatile Organic Compounds

Sample Name: Lab Code:

MW-7 DUP

Units: ug/L

P0801650-004

Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Arizona Qualifier	
Dibromofluoromethane	98	73-129	06/03/08		
Toluene-d8	97	76-122	06/03/08		
4-Bromofluorobenzene	110	63-118	06/03/08		

Comments:

Analyst: CCapolup

Printed: 06/06/2008 12:00:28 P:\STEALTH\CRYSTAL.RPT\Form1m.rpt

Form 1A - Organic

Page 3 of 19

SuperSet Reference: RR14669

Analytical Results

Client:

Columbia Analytical Services, Inc. - TGI

Project:

Bond & Bond Shiprock, NM

Sample Matrix:

Water

Service Request: P0801650

Date Collected: 05/21/2008 Date Received: 06/02/2008

Volatile Organic Compounds

Sample Name: Lab Code:

TRIP BLANK P0801650-005

Extraction Method:

EPA 5030C

Analysis Method:

8260B

Units: ug/L Basis: NA

Level: Low

				Dilution	Date	Date	
Analyte Name	Result	Q	MRL	Factor	Extracted	Analyzed	Arizona Qualifier
1,1,1,2-Tetrachloroethane	ND		0.50	1	06/03/08	06/03/08	
1,1,1-Trichloroethane (TCA)	ND		0.50	1	06/03/08	06/03/08	
1,1,2,2-Tetrachloroethane	ND '	U	0.50	1	06/03/08	06/03/08	
1,1,2-Trichloroethane	ND	U	0.50	1	06/03/08	06/03/08	
1,1-Dichloroethane	ND '	U	0.50	1	06/03/08	06/03/08	
1,1-Dichloroethene	ND '	U	0.50	1	06/03/08	06/03/08	
1,1-Dichloropropene	ND	Ū	0.50	1	06/03/08	06/03/08	
1,2,3-Trichlorobenzene	ND	U	1.0	1	06/03/08	06/03/08	
1,2,3-Trichloropropane	ND 1	U	0.50	1	06/03/08	06/03/08	
1,2,4-Trichlorobenzene	ND 1	U	1.0	1	06/03/08	06/03/08	
1,2,4-Trimethylbenzene	ND 1	n .	1.0	1	06/03/08	06/03/08	
1,2-Dibromo-3-chloropropane	ND 1	IJ.	2.0	1	06/03/08	06/03/08	
1,2-Dibromoethane (EDB)	ND 1	J	1.0	1	06/03/08	06/03/08	
1,2-Dichlorobenzene	ND I	J	0.50	1	06/03/08	06/03/08	
1,2-Dichloroethane (EDC)	ND I	J .	0.50	1	06/03/08	06/03/08	
1,2-Dichloropropane	ND I	J .	0.50	1	06/03/08	06/03/08	Management .
1,3,5-Trimethylbenzene	ND I	J	1.0	1	06/03/08	06/03/08	
1,3-Dichlorobenzene	ND (J	0.50	1	06/03/08	06/03/08	
1,3-Dichloropropane	ND (J	0.50	1	06/03/08	06/03/08	
1,4-Dichlorobenzene	ND U	J ·	0.50	1	06/03/08	06/03/08	
2,2-Dichloropropane	ND (J	0.50	1	06/03/08	06/03/08	
2-Butanone (MEK)	ND U	J	10	1	06/03/08	06/03/08	
2-Chlorotoluene	· ND U	J	1.0	. 1	06/03/08	06/03/08	
2-Hexanone	ND U	J	10	1	06/03/08	06/03/08	
4-Chlorotoluene	ND U	J	1.0	1	06/03/08	06/03/08	
4-Isopropyltoluene	J DN	J	1.0	1	06/03/08	06/03/08	
4-Methyl-2-pentanone (MIBK)	ND (J	10	1	06/03/08	06/03/08	
Acetone	ND U	J	10	1	06/03/08	06/03/08	
Benzene	ND U	J	0.50	1	06/03/08	06/03/08	
Bromobenzene	ND U	J	1.0	1	06/03/08	06/03/08	
Bromochloromethane	J DN	J	0.50	1	06/03/08	06/03/08	
Bromodichloromethane	ND U	J	1.0	1	06/03/08	06/03/08	
Bromoform	ND U	J	1.0	1	06/03/08	06/03/08	

Comments:

Analyst: CCapolup

Printed: 06/06/2008 12:00:30 P:\STEALTH\CRYSTAL.RPT\Form1m,rpt

Form 1A - Organic

SuperSet Reference:

Page

RR14669

Analytical Results

Client:

Columbia Analytical Services, Inc. - TGI

Project:

Bond & Bond Shiprock, NM

Sample Matrix:

Water

Service Request: P0801650

Date Collected: 05/21/2008

Date Received: 06/02/2008

Volatile Organic Compounds

Sample Name:

Lab Code:

TRIP BLANK P0801650-005

Extraction Method:

EPA 5030C

Analysis Method:

8260B

Units: ug/L Basis: NA

Level: Low

Analyte Name	Result (Q MRL	Dilution Factor	Date Extracted	Date Analyzed	Arizona Qualifier
Bromomethane	ND (1	06/03/08	06/03/08	American
Carbon Disulfide	ND U	J 2.0	1	06/03/08	06/03/08	
Carbon Tetrachloride	ND U	J 0.50	1	06/03/08	06/03/08	
Chlorobenzene	ND U	J 0.50	1	06/03/08	06/03/08	
Chloroethane	ND U	J 1.0	1	06/03/08	06/03/08	
Chloroform	ND U	J 0.50	1	06/03/08	06/03/08	
Chloromethane	ND U	J 1.0	1	06/03/08	06/03/08	
cis-1,2-Dichloroethene	ND U	J 0.50	1	06/03/08	06/03/08	
cis-1,3-Dichloropropene	ND U	J 0.50	. 1	06/03/08	06/03/08	
Dibromochloromethane	ND L		1	06/03/08	06/03/08	
Dibromomethane	ND U		1	06/03/08	06/03/08	
Dichlorodifluoromethane	ND U	J 1.0	1	06/03/08	06/03/08	
Ethylbenzene	ND L		1	06/03/08	06/03/08	
Hexachlorobutadiene	ND U		1	06/03/08	06/03/08	•
Iodomethane	ND U	J 10	1	06/03/08	06/03/08	
Isopropylbenzene	ND U	1.0	1	06/03/08	06/03/08	***************************************
Total Xylenes	ND U		1	06/03/08	06/03/08	
Methyl tert-Butyl Ether	ND U	2.0	1	06/03/08	06/03/08	
Methylene Chloride	ND U		1	06/03/08	06/03/08	
n-Butylbenzene	ND U		. 1	06/03/08	06/03/08	•
n-Propylbenzene	ND U	1.0	1	06/03/08	06/03/08	
Naphthalene	ND U	1.0	1	06/03/08	06/03/08	
sec-Butylbenzene	ND U	1.0	1	06/03/08	06/03/08	L1
Styrene	ND U	0.50	. 1	06/03/08	06/03/08	
tert-Butylbenzene	ND U		1	06/03/08	06/03/08	
Tetrachloroethene (PCE)	ND U		1	06/03/08	06/03/08	
Toluene	ND U	0.50	1	06/03/08	06/03/08	
trans-1,2-Dichloroethene	ND U		1	06/03/08	06/03/08	TO THE STATE OF TH
trans-1,3-Dichloropropene	ND U	0.50	1	06/03/08	06/03/08	
Trichloroethene (TCE)	ND U	0.50	1	06/03/08	06/03/08	
Trichlorofluoromethane	ND U		1	06/03/08	06/03/08	
Vinyl Acetate	ND U	10	1	06/03/08	06/03/08	
Vinyl Chloride	ND U	0.50	1	06/03/08	06/03/08	

Comments:

Analyst: CCapolup

Printed: 06/06/2008 12:00:30

P:\STEALTH\CRYSTAL.RPT\Form1m.rpt

Form 1A - Organic

SuperSet Reference: RR14669

Page 2 of 21

Merged

Analytical Results

Client:

Columbia Analytical Services, Inc. - TGI

Project:

Bond & Bond Shiprock, NM

Sample Matrix:

Water

Service Request: P0801650

Date Collected: 05/21/2008

Date Received: 06/02/2008

Volatile Organic Compounds

Sample Name: Lab Code: TRIP BLANK P0801650-005

Units: ug/L

Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Arizona Qualifier
Dibromofluoromethane	96	73-129	06/03/08	
Toluene-d8	98	76-122	06/03/08	
4-Bromofluorobenzene	93	63-118	06/03/08	

Comments:

Analyst: CCapolup

Printed: 06/06/2008 12:00:30

Merged

Analytical Results

Client:

Columbia Analytical Services, Inc. - TGI

Project:

Bond & Bond Shiprock, NM

Sample Matrix:

Water

Service Request: P0801650

Date Collected: NA

Date Received: NA

Volatile Organic Compounds

Sample Name: Lab Code:

Method Blank

PWG0800739-4

Extraction Method:

EPA 5030C

Analysis Method:

8260B

Units: ug/L Basis: NA

Level: Low

Analyte Name	Result	Q	MRL		Dilution Factor	Date Extracted	Date Analyzed	Arizona Qualifier
1,1,1,2-Tetrachloroethane	ND		0.50		1	06/03/08	06/03/08	MI IZONA QUANTICI
1,1,1-Trichloroethane (TCA)	ND		0.50		1	06/03/08	06/03/08	
1,1,2,2-Tetrachloroethane	ND	U	0.50		1	06/03/08	06/03/08	
1,1,2-Trichloroethane	ND	U	0.50	10112	1	06/03/08	06/03/08	
1,1-Dichloroethane	ND	U	0.50		1	06/03/08	06/03/08	
1,1-Dichloroethene	ND	U	0.50		1	06/03/08	06/03/08	
1,1-Dichloropropene	ND	U	0.50		1	06/03/08	06/03/08	
1,2,3-Trichlorobenzene	ND	U	1.0		1	06/03/08	06/03/08	
1,2,3-Trichloropropane	ND	U	0.50		1	06/03/08	06/03/08	•
1,2,4-Trichlorobenzene	ND	U	1.0		1	06/03/08	06/03/08	
1,2,4-Trimethylbenzene	ND	U	1.0		1	06/03/08	06/03/08	
1,2-Dibromo-3-chloropropane	ND	U	2.0		1	06/03/08	06/03/08	
1,2-Dibromoethane (EDB)	ND	U	1.0		1	06/03/08	06/03/08	, , , , , , , , , , , , , , , , , , ,
1,2-Dichlorobenzene	ND	U	0.50		1	06/03/08	06/03/08	
1,2-Dichloroethane (EDC)	ND	U	0.50		. 1	06/03/08	06/03/08	
1,2-Dichloropropane	ND	U	0.50		1	06/03/08	06/03/08	
1,3,5-Trimethylbenzene	ND	U	1.0		1	06/03/08	06/03/08	
1,3-Dichlorobenzene	ND	U	0.50		1	06/03/08	06/03/08	
1,3-Dichloropropane	ND	U	0.50		1	06/03/08	06/03/08	
1,4-Dichlorobenzene	ND	U	0.50		1	06/03/08	06/03/08	
2,2-Dichloropropane	ND	U	0.50		1	06/03/08	06/03/08	
2-Butanone (MEK)	ND		10		I	06/03/08	06/03/08	1 POOT
2-Chlorotoluene	ND		1.0		1	06/03/08	06/03/08	
2-Hexanone	ND	U	10		1	06/03/08	06/03/08	
4-Chlorotoluene	ND		1.0		1	06/03/08	06/03/08	
4-Isopropyltoluene	ND		1.0		1	06/03/08	06/03/08	
4-Methyl-2-pentanone (MIBK)	ND	U	10		1	06/03/08	06/03/08	
Acetone	ND	U	10		1	06/03/08	06/03/08	
Benzene	ND		0.50		1	06/03/08	06/03/08	
Bromobenzene	ND	U	1.0 .		1	06/03/08	06/03/08	
Bromochloromethane	ND		0.50		1	06/03/08	06/03/08	
Bromodichloromethane	ND	U	1.0		1	06/03/08	06/03/08	
Bromoform	ND	<u>U</u>	1.0		1	06/03/08	06/03/08	

Comments:

Analyst: CCapolup

Printed: 06/06/2008 12:00:32

Merged

 $P: \label{lem:pt} P: \label{$

Form 1A - Organic

SuperSet Reference:

Page

RR14669

Analytical Results

Client:

Columbia Analytical Services, Inc. - TGI

Project:

Bond & Bond Shiprock, NM

Sample Matrix:

Water

Service Request: P0801650

Date Collected: NA

Date Received: NA

Volatile Organic Compounds

Sample Name: Lab Code:

Method Blank

PWG0800739-4

Extraction Method:

EPA 5030C

Analysis Method:

8260B

Units: ug/L Basis: NA

Level: Low

Analyte Name			777	nes	Date	
	Result Q	MRL	Factor	Extracted		Arizona Qualifier
Bromomethane	ND U	1.0	1	06/03/08	06/03/08	
Carbon Disulfide	ND U	2.0	1	06/03/08	06/03/08	
Carbon Tetrachloride	ND U	0.50	1 -	06/03/08	06/03/08	
Chlorobenzene	ND U	0.50	1	06/03/08	06/03/08	
Chloroethane	ND U	1.0	1	06/03/08	06/03/08	•
Chloroform	ND U	0.50	1	06/03/08	06/03/08	
Chloromethane	ND U	1.0	1	06/03/08	06/03/08	····
cis-1,2-Dichloroethene	ND U	0.50	1	06/03/08	06/03/08	
cis-1,3-Dichloropropene	ND U	0.50	1	06/03/08	06/03/08	
Dibromochloromethane	ND U	1.0	1	06/03/08	06/03/08	- VAID
Dibromomethane	ND U	0.50	1	06/03/08	06/03/08	
Dichlorodifluoromethane	ND U	1,0	1	06/03/08	06/03/08	
Ethylbenzene	ND U	0.50	1	06/03/08	06/03/08	
Hexachlorobutadiene	ND U	1.0	$\hat{1}$	06/03/08	06/03/08	•
Iodomethane	ND U	10	1	06/03/08	06/03/08	
Isopropylbenzene	ND U	1.0	1	06/03/08	06/03/08	
Total Xylenes	ND U	1.5	1	06/03/08	06/03/08	
Methyl tert-Butyl Ether	ND U	2.0	1	06/03/08	06/03/08	
Methylene Chloride	ND U	2.0	• 1	06/03/08	06/03/08	
n-Butylbenzene	ND Ü	1.0	Ī	06/03/08	06/03/08	
n-Propylbenzene	ND U	1.0	1	06/03/08	06/03/08	•
Naphthalene	ND U	1.0	1	06/03/08	06/03/08	
sec-Butylbenzene	ND U	1.0	1	06/03/08		L1
Styrene	ND U	0.50	1	06/03/08	06/03/08	
tert-Butylbenzene	ND U	1.0	1	06/03/08	06/03/08	
Tetrachloroethene (PCE)	ND U	0.50	1	06/03/08	06/03/08	
Toluene	ND U	0.50	1	06/03/08	06/03/08	
trans-1,2-Dichloroethene	ND U	0.50	1	06/03/08	06/03/08	
trans-1,3-Dichloropropene	ND U	0.50	1	06/03/08	06/03/08	
Trichloroethene (TCE)	ND U	0.50	1	06/03/08	06/03/08	
Trichlorofluoromethane	ND U	1.0	1	06/03/08	06/03/08	
Vinyl Acetate	ND U	10	1	06/03/08	06/03/08	
Vinyl Chloride	ND U	0.50	1	06/03/08	06/03/08	

Comments:

Analyst: CCapolup

Printed: 06/06/2008 12:00:32 P:\STEALTH\CRYSTAL.RPT\Form1m.rpt

Merged

Form 1A - Organic

Page 2 o 24

SuperSet Reference:

RR14669

Analytical Results

Client:

Columbia Analytical Services, Inc. - TGI

Project:

Bond & Bond Shiprock, NM

Sample Matrix:

Water

Service Request: P0801650

Date Collected: NA

Date Received: NA

Volatile Organic Compounds

Sample Name:

Method Blank

Units: ug/L

Lab Code:

PWG0800739-4

Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Arizona Qualifier	
Dibromofluoromethane	96	73-129	06/03/08		
Toluene-d8	99	76-122	06/03/08		
4-Bromofluorobenzene	93	63-118	06/03/08		

Comments:

Analyst: CCapolup

Printed: 06/06/2008 12:00:32 P:\STEALTH\CRYSTAL.RPT\Formlm.rpt

Analytical Results

Client:

Columbia Analytical Services, Inc. - TGI

Project:

Bond & Bond Shiprock, NM

Sample Matrix:

Water

Service Request: P0801650

Date Collected: NA Date Received: NA

Volatile Organic Compounds

Sample Name: Lab Code:

Method Blank

Extraction Method:

PWG0800743-4

EPA 5030C

Analysis Method:

8260B

Units: ug/L Basis: NA

Level: Low

Analyte Name	Result Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Arizona Qualifier
1,1,1,2-Tetrachloroethane	ND U	0.50	1	06/04/08	06/04/08	7
1,1,1-Trichloroethane (TCA)	ND U	0.50	1	06/04/08	06/04/08	
1,1,2,2-Tetrachloroethane	ND U	0.50	. 1	06/04/08	06/04/08	
1,1,2-Trichloroethane	ND U	0.50	1	06/04/08	06/04/08	
1,1-Dichloroethane	ND U	0.50	. 1	06/04/08	06/04/08	
1,1-Dichloroethene	ND U	0.50	1	06/04/08	06/04/08	
1,1-Dichloropropene	ND U	0.50	1	06/04/08	06/04/08	
1,2,3-Trichlorobenzene	ND U	1.0	1	06/04/08	06/04/08	
1,2,3-Trichloropropane	ND U	0.50	1	06/04/08	06/04/08	
1,2,4-Trichlorobenzene	ND U	1.0	1	06/04/08	06/04/08	16/Wannananananananananananananananananana
1,2,4-Trimethylbenzene	ND U	1.0	1	06/04/08	06/04/08	
1,2-Dibromo-3-chloropropane	ND U	2.0	1	06/04/08	06/04/08	
1,2-Dibromoethane (EDB)	ND U	1.0	1	06/04/08	06/04/08	171000001
1,2-Dichlorobenzene	ND U	0.50	1	06/04/08	06/04/08	4
1,2-Dichloroethane (EDC)	ND U	0.50	1	06/04/08	06/04/08	
1,2-Dichloropropane	ND U	0.50	. 1	06/04/08	06/04/08	ARI
1,3,5-Trimethylbenzene	ND U	1.0	1	06/04/08	06/04/08	
1,3-Dichlorobenzene	ND U	0.50	1	06/04/08	06/04/08	
1,3-Dichloropropane	ND U	0.50	1	06/04/08	06/04/08	
1,4-Dichlorobenzene	ND U	0.50	1	06/04/08	06/04/08	
2,2-Dichloropropane	ND U	0.50	1	06/04/08	06/04/08	
2-Butanone (MEK)	ND U	10	1	06/04/08	06/04/08	
2-Chlorotoluene	ND U	1.0	1	06/04/08	06/04/08	
2-Hexanone	ND U	10	1	06/04/08	06/04/08	
4-Chlorotoluene	ND U	1.0	Ī	06/04/08	06/04/08	**************************************
4-Isopropyltoluene	ND U	1.0	1	06/04/08	06/04/08	•
4-Methyl-2-pentanone (MIBK)	ND U	10	. 1	06/04/08	06/04/08	
Acetone	ND U	10	1	06/04/08	06/04/08	***************************************
Benzene	ND U	0.50	1	06/04/08	06/04/08	•
Bromobenzene	ND U	1.0	ĺ	06/04/08	06/04/08	•
Bromochloromethane	ND U	0.50	1	06/04/08	06/04/08	OAPWS (A del
Bromodichloromethane	ND U	1.0	1	06/04/08	06/04/08	
Bromoform	ND U	1.0	1	06/04/08	06/04/08	

Comments:

Analyst: CCapolup

Printed: 06/06/2008 12:00:34 P:\STEALTH\CRYSTAL.RPT\Formim.rpt

Merged

Form 1A - Organic

Page 1 of **26**

SuperSet Reference:

RR14669

Analytical Results

Client:

Columbia Analytical Services, Inc. - TGI

Project:

Bond & Bond Shiprock, NM

Sample Matrix:

Water

Service Request: P0801650

Date Collected: NA Date Received: NA

Volatile Organic Compounds

Sample Name: Lab Code:

Method Blank PWG0800743-4

Extraction Method:

EPA 5030C

Units: ug/L Basis: NA

Level: Low

Date

Analyte Name Result O MRL Factor Extra	Analyte Name	Result O	MDI	Dilution Eactor	Date Extract
--	--------------	----------	-----	--------------------	-----------------

			Dianon	32420	Date	
Analyte Name	Result Q	MRL	Factor	Extracted	Analyzed	Arizona Qualifier
Bromomethane	ND U	1.0	1	. 06/04/08	06/04/08	
Carbon Disulfide	ND U	2.0	1	06/04/08	06/04/08	
Carbon Tetrachloride	ND U	0.50	1	06/04/08	06/04/08	*
Chlorobenzene	ND U	0.50	1	06/04/08	06/04/08	
Chloroethane	ND U	1.0	1	06/04/08	06/04/08	
Chloroform	ND U	0.50	1	06/04/08	06/04/08	
Chloromethane	ND U	1.0	1	06/04/08	06/04/08	
cis-1,2-Dichloroethene	ND U	0.50	1	06/04/08	06/04/08	
cis-1,3-Dichloropropene	ND U	0.50	1	06/04/08	06/04/08	·
Dibromochloromethane	ND U	1.0	1	06/04/08	06/04/08	
Dibromomethane	ND U	0.50	1	06/04/08	06/04/08	
Dichlorodifluoromethane	ND U	1.0	1	06/04/08	06/04/08	
Ethylbenzene	ND U	0.50	1	06/04/08	06/04/08	
Hexachlorobutadiene	ND U	1.0	1	06/04/08	06/04/08	
Iodomethane	ND U	10	1	06/04/08	06/04/08	
Isopropylbenzene	ND U	1.0	1	06/04/08	06/04/08	
Total Xylenes	ND U	1.5	1	06/04/08	06/04/08	
Methyl tert-Butyl Ether	ND U	2.0	1	06/04/08	06/04/08	
Methylene Chloride	ND U	2.0	1	06/04/08	06/04/08	
n-Butylbenzene	ND U	1.0	1	06/04/08	06/04/08	
n-Propylbenzene	ND U	1.0	1	06/04/08	06/04/08	
Naphthalene	ND U	1.0	1	06/04/08	06/04/08	
sec-Butylbenzene	ND U	1.0	. 1	06/04/08	06/04/08	L1
Styrene	ND U	0.50	1	06/04/08	06/04/08	
tert-Butylbenzene	ND U	1.0	1	06/04/08	06/04/08	
Tetrachloroethene (PCE)	ND U	0.50	1 .	06/04/08	06/04/08	
Toluene	ND U	0.50	1	06/04/08	06/04/08	
trans-1,2-Dichloroethene	ND U	0.50	1	06/04/08	06/04/08	
trans-1,3-Dichloropropene	ND U	0.50	1	06/04/08	06/04/08	
Trichloroethene (TCE)	ND U	0.50	1	06/04/08	06/04/08	
Trichlorofluoromethane	ND U	1.0	· 1	06/04/08	06/04/08	
Vinyl Acetate	ND U	10	1	06/04/08	06/04/08	
Vinyl Chloride	ND U	0.50	1	06/04/08	06/04/08	

0	
Comments:	

Analyst: CCapolup

Printed: 06/06/2008 12:00:34 P:\STEALTH\CRYSTAL.RPT\Form1m.rpt

Analytical Results

Client:

Columbia Analytical Services, Inc. - TGI

Project:

Bond & Bond Shiprock, NM

Sample Matrix:

Water

Service Request: P0801650

Date Collected: NA Date Received: NA

Volatile Organic Compounds

Sample Name: Lab Code:

Method Blank

PWG0800743-4

Units: ug/L

Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Arizona Qualifier	
Dibromofluoromethane	94	73-129	06/04/08		·
Toluene-d8	99	76-122	06/04/08		
4-Bromofluorobenzene	92	63-118	06/04/08		

Comments:

Analyst: CCapolup

Printed: 06/06/2008 12:00:34

P:\STEALTH\CRYSTAL.RPT\FormIm.rpt

Form 1A - Organic

Page

SuperSet Reference: RR14669

QA/QC Report

Client:

Columbia Analytical Services, Inc. - TGI

Project:

Bond & Bond Shiprock, NM

Sample Matrix:

Water

Service Request: P0801650

Surrogate Recovery Summary Volatile Organic Compounds

Extraction Method:

EPA 5030C

Analysis Method:

8260B

Units: PERCENT

Level: Low

Sample Name	Lab Code	<u>Sur1</u>	Sur2	Sur3
MW-7	P0801650-001	98	100	108
MW-4	P0801650-002	95	98	94
MW-6	P0801650-003	96	100	94
MW-7 DUP	P0801650-004	98	97	110
TRIP BLANK	P0801650-005	96	98	93
Method Blank	PWG0800739-4	96	99	93
Method Blank	PWG0800743-4	94	99	92
MW-4MS	PWG0800739-1	99	98	98
MW-4DMS	PWG0800739-2	102	103	99
MW-7MS	PWG0800743-1	99	98	113
MW-7DMS	PWG0800743-2	98	97	110
Lab Control Sample	PWG0800739-3	97	98	96
Duplicate Lab Control Sample	PWG0800739-5	98	97	96
Lab Control Sample	PWG0800743-3	96	99	96

Surrogate Recovery Control Limits (%)

Sur1 =	Dibromofluoromethane	73-129
Sur2 =	Toluene-d8	76-122
Sur3 =	4-Bromofluorobenzene	63-118

Results flagged with an asterisk (*) indicate values outside control criteria. Results flagged with a pound (#) indicate the control criteria is not applicable.

Analyst: CCapolup

Printed: 06/06/2008 12:00:40 P:\STEALTH\CRYSTAL.RPT\Form2.rpt

Form 2A - Organic

QA/QC Report

Client:

Columbia Analytical Services, Inc. - TGI

Project:

Bond & Bond Shiprock, NM

Sample Matrix:

Water

Service Request: P0801650 Date Extracted: 06/03/2008

Date Analyzed: 06/03/2008

Matrix Spike/Duplicate Matrix Spike Summary Volatile Organic Compounds

Sample Name:

MW-4

Lab Code:

P0801650-002

Extraction Method:

EPA 5030C

Analysis Method:

8260B

Units: ug/L

Basis: NA

Level: Low

Extraction Lot: PWG0800739

MW-4MS PWG0800730 1

MW-4DMS PW/G0800739-2

	Sample		VG0800739- Matrix Spike	1		VG0800739-2 cate Matrix S		%Rec		RPD
Analyte Name	Result	Result	Expected	%Rec	Result	Expected	%Rec	Limits	RPD	Limit
1,1,1-Trichloroethane (TCA)	ND	11.5	10.0	115	7.92	10.0	79	52-158	37 R4	25
1,1-Dichloroethane	ND	10.9	10.0	109	7.92	10.0	79	59-145	31 R4	25
1,1-Dichloroethene	ND	12.2	10.0	122	7.62	10.0	76	27-176	46 R4	25
1,2-Dichloroethane (EDC)	ND	10.8	10.0	108	8.84	10.0	88	56-147	20	25
1,2-Dichloropropane	ND	10.6	10.0	106	8.02	10.0	80	60-139	28 R4	25
1,3,5-Trimethylbenzene	ND	10.4	10.0	104	5.80	10.0	58	45-143	57 R4	25
1,3-Dichlorobenzene	ND	11.0	10.0	110	8.80	10.0	88	62-134	22	25
Benzene	ND	11.2	10.0	112	8.15	10.0	82	58-148	32 R4	25
Chlorobenzene	ND	10.8	10.0	108	8.22	10.0	82	60-136	27 R4	25
Chloroform	ND	11.2	10.0	112	8.29	10.0	83	60-147	30 R4	25
Ethylbenzene	ND	11.0	10.0	110	7.67	10.0	77	50-142	36 R4	25
Methyl tert-Butyl Ether	ND	22.5	20.0	113	19.0	20.0	95	66-136	17	25
Tetrachloroethene (PCE)	ND	11.5	10.0	115	7.93	10.0	79	27-168	37 R4	25
Toluene	ND	10.7	10.0	107	7.75	10.0	78	56-137	32 R4	25
Trichloroethene (TCE)	ND	11.0	10.0	110	7.62	10.0	76	42-156	37 R4	25
Vinyl Chloride	ND	11.2	10.0	112	7.38	10.0	74	40-177	41 R4	25

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Analyst: CCapolup

Printed: 06/06/2008 12:00:44 P:\STEALTH\CRYSTAL.RPT\Form3DMS.rpt Form 3A - Organic

Page 1 0 3 Q

SuperSet Reference: RR14669

QA/QC Report

Client:

Columbia Analytical Services, Inc. - TGI

Project:

Bond & Bond Shiprock, NM

Sample Matrix:

Water

Service Request: P0801650

Date Extracted: 06/04/2008 Date Analyzed: 06/04/2008

Matrix Spike/Duplicate Matrix Spike Summary Volatile Organic Compounds

Sample Name:

MW-7

Lab Code:

P0801650-001

Extraction Method:

EPA 5030C

Analysis Method:

8260B

Units: ug/L

Basis: NA

Level: Low

Extraction Lot: PWG0800743

MW-7MS PWG0800743-1

MW-7DMS PWG0800743-2

•	Sample	Matrix Spike			Duplicate Matrix Spike			%Rec		RPD
Analyte Name	Result	Result	Expected	%Rec	Result	Expected	%Rec	52-158 59-145 27-176 56-147 60-139 45-143 62-134 58-148 60-136 60-147	RPD	Limit
1,1,1-Trichloroethane (TCA)	ND	1,1.1	10.0	111	11.1	10.0	111	52-158	1	25
1,1-Dichloroethane	ND	10.3	10.0	103	10.1	10.0	101	59-145	1	25
1,1-Dichloroethene	ND	10.8	10.0	108	10.3	10.0	103	27-176	5	25
1,2-Dichloroethane (EDC)	ND	10.2	10.0	102	10.5	10.0	105	56-147	3	25
1,2-Dichloropropane	ND	10.3	10.0	103	10.2	10.0	102	60-139	1	25
1,3,5-Trimethylbenzene	ND	9.07	10.0	91	7.80	10.0	78	45-143	15	25
1,3-Dichlorobenzene	ND	10.4	10.0	104	10.2	10.0	102	62-134	1	25
Benzene	1.2	11.1	10.0	99	11.1	10.0	99	58-148	0	25
Chlorobenzene	ND	10.4	10.0	104	10.4	10.0	104	60-136	0	25
Chloroform	ND	10.5	10.0	105	10.7	10.0	107	60-147	2	25
Ethylbenzene	130	103	10.0	-280	101	10.0	-298	50-142	2	25
Methyl tert-Butyl Ether	ND	20.9	20.0	105	20.9	20.0	104	66-136	0	25
Tetrachloroethene (PCE)	ND	10.3	10.0	103	10.6	10.0	106	27-168	3	25
Toluene	3.2	13.1	10.0	99	12.7	10.0	95	56-137	3	25
Trichloroethene (TCE)	ND	10.5	10.0	105	10.5	10.0	105	42-156	1	25
Vinyl Chloride	ND	10.3	10.0	103	9.22	10.0	92	40-177	11	25

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Analyst: CCapolup

Printed: 06/06/2008 12:00:47 P:\STEALTH\CRYSTAL.RPT\Form3DMS.rpt Form 3A - Organic

SuperSet Reference: RR14669

QA/QC Report

Client:

Columbia Analytical Services, Inc. - TGI

Project:

Bond & Bond Shiprock, NM

Sample Matrix:

Water

Service Request: P0801650

Date Extracted: 06/03/2008 Date Analyzed: 06/03/2008

Lab Control Spike/Duplicate Lab Control Spike Summary Volatile Organic Compounds

Extraction Method:

EPA 5030C

Analysis Method:

8260B

Units: ug/L Basis: NA

Level: Low

Extraction Lot: PWG0800739

Lab Control Sample PWG0800739-3

Duplicate Lab Control Sample PWG0800739-5

Lab Control Spike Duplicate Lab Control Spike %Rec RPD Expected Limits **RPD** Analyte Name Result %Rec Limit Result Expected %Rec 1,1,1,2-Tetrachloroethane 9.66 10.0 97 8.47 10.0 85 74-129 13 20 1,1,1-Trichloroethane (TCA) 9.74 10.0 97 8.81 10.0 88 61-125 10 20 1,1,2,2-Tetrachloroethane 10.8 108 10.0 9.49 10.0 95 81-128 13 20 1,1,2-Trichloroethane 10.1 10.0 101 8.92 10.0 89 87-115 13 20 1,1-Dichloroethane 9.88 10.0 99 8.85 10.0 89 75-118 11 20 1.1-Dichloroethene 10.1 10.0 101 8.92 10.0 89 67-129 12 20 1.1-Dichloropropene 9.88 10.0 99 8.70 10.0 87 64-105 13 20 1,2,3-Trichlorobenzene 10.5 10.0 105 9.58 10.0 96 73-132 9 20 1,2,3-Trichloropropane 10.2 10.0 102 9.15 10.0 92 79-119 11 20 1,2,4-Trichlorobenzene 10.0 106 9.52 10.6 10.0 95 78-126 11 20 1,2,4-Trimethylbenzene 11.1 10.0 111 9.86 10.0 99 78-113 12 20 1,2-Dibromo-3-chloropropane 18.5 20.0 92 16.3 20.0 82 60-118 12 20 1,2-Dibromoethane (EDB) 10.2 10.0 102 9.05 10.0 91 85-113 12 20 1,2-Dichlorobenzene 10.7 10.0 107 9.44 10.0 94 90-113 13 20 1,2-Dichloroethane (EDC) 10.5 10.0 105 9.18 10.0 92 65-128 13 20 1,2-Dichloropropane 102 8.93 10.2 10.0 10.0 89 80-116 13 20 108 1,3,5-Trimethylbenzene 10.8 10.0 9.52 10.0 95 75-112 12 20 1.3-Dichlorobenzene 10.7 10.0 107 9.36 10.0 94 88-112 14 20 10.4 10.0 104 9.09 1,3-Dichloropropane 10.0 91 82-113 13 20 1,4-Dichlorobenzene 10.6 10.0 106 9.36 10.0 94 90-112 12 20 2,2-Dichloropropane 11.0 10.0 110 10.1 10.0 101 64-126 8 20 50.0 2-Butanone (MEK) 51.8 104 43.9 50.0 88 73-137 16 20 2-Chlorotoluene 10.0 106 9.42 10.6 10.0 94 20 74-116 12 2-Hexanone 53.4 50.0 107 45.0 50.0 90 80-129 17 20 4-Chlorotoluene 10.7 10.0 107 9.54 10.0 95. 73-114 11 20 4-Isopropyltoluene 10.8 10.0 108 9.45 10.0 95 74-113 13 20 4-Methyl-2-pentanone (MIBK) 53.8 50.0 108 46.0 50.0 92 77-136 16 20 Acetone 51.5 50.0 103 44.6 50.0 89 70-139 14 20 9.51 Benzene 11.1 10.0 111 10.0 95 81-113 15 20 Bromobenzene 10.5 10.0 105 9.28 10.0 93 82-123 20 13 104 9.23 Bromochloromethane 10.4 10.0 10.0 92 84-118 12 20 Bromodichloromethane 10.0 101 8.74 10.1 10.0 87 68-129 14 20 Bromoform 90 9.01 10.0 7.70 10.0 77 52-169 16 20 Bromomethane 8.42 10.0 84 8.21 10.0 82 59-139 3 20 Carbon Disulfide 21.6 20.0 108 19.9

Results flagged with an asterisk (*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Analyst: CCapolup

Printed: 06/06/2008 12:00:50 P:\STEALTH\CRYSTAL.RPT\Form3DLC.rpt Form 3C - Organic

20.0

100

20

59-118

8

QA/QC Report

Client:

Columbia Analytical Services, Inc. - TGI

Project:

Bond & Bond Shiprock, NM

Sample Matrix:

Water

Service Request: P0801650

Date Extracted: 06/03/2008 Date Analyzed: 06/03/2008

Lab Control Spike/Duplicate Lab Control Spike Summary Volatile Organic Compounds

Extraction Method: EPA 5030C

Analysis Method:

8260B

Units: ug/L Basis: NA

Level: Low

Extraction Lot: PWG0800739

Lab Control Sample PWG0800739-3

Duplicate Lab Control Sample

PWG0800739-5

,	Lab Control Spike				/G0800/39-5 e Lab Control		%Rec		RPD
Analyte Name	Result	Expected	%Rec	Result	Expected	%Rec	Limits	RPD	Limit
Carbon Tetrachloride	8.62	10.0	86	7,72	10.0	77	52-134	11	20
Chlorobenzene	10.3	10.0	103	9.09	10.0	91	87-113	12	20
Chloroethane	8.91	10.0	89	8.53	10.0	85	67-134	4	20
Chloroform	10.2	10.0	102	9.20	10.0	92	74-121	11	20
Chloromethane	9.31	10.0	93	8.57	10.0	86	68-125	8	20
cis-1,2-Dichloroethene	10.5	10.0	105	9.28	10.0	93	76-117	12	20
cis-1,3-Dichloropropene	10.4	10.0	104	9.12	10.0	91	77-112	13	20
Dibromochloromethane	9.70	10.0	97	8.22	10.0	82	69-137	17	20
Dibromomethane	10.3	10.0	103	8.95	10.0	90	81-119	14	20
Dichlorodifluoromethane	11.9	10.0	119	11.0	10.0	110	52-152	8	20
Ethylbenzene	10.4	10.0	104	9.12	10.0	91	82-114	13	20
Hexachlorobutadiene	10.3	10.0	103	9.28	10.0	93	59-141	10	20
Iodomethane	23.1	20.0	115	21.0	20.0	105	71-133	9	20
Isopropylbenzene	10.5	10.0	105	9.28	10.0	93	76-112	12	20
Total Xylenes	31.3	30.0	104	27.6	30.0	92	81-115	13	20
Methyl tert-Butyl Ether	22.8	20.0	114	20.1	20.0	101	75-114	12	20
Methylene Chloride	10.1	10.0	101	8.96	10.0	90	82-120	12	20
n-Butylbenzene	10.9	10.0	109	9.42	10.0	.94	68-116	15	20
n-Propylbenzene	10.4	10.0	104	9.16	10.0	92	71-121	13	20
Naphthalene	10.3	10.0	103	9.27	10.0	93	78-127	10	20
sec-Butylbenzene	11.4	10.0	114 L1	9.91	10.0	99	69-107	14	20
Styrene	10.7	10.0	107	9.31	10.0	93	73-111	14	20
tert-Butylbenzene	10.5	10.0	105	9.26	10.0	93	73-113	13	20
Tetrachloroethene (PCE)	10.0	10.0	100	8.67	10.0	87	78-115	14	20
Toluene	10.5	10.0	105	9.12	10.0	91	81-112	14	20
trans-1,2-Dichloroethene	9.77	10.0	98	8.79	10.0	88	75-113	11	20
trans-1,3-Dichloropropene	10.3	10.0	103	9.01	10.0	90	67-115	14	20
Trichloroethene (TCE)	9.78	10.0	98	8.52	10.0	85	77-113	14	20
Trichlorofluoromethane	10.8	10.0	108	11.0	10.0	110	50-159	1	20
Vinyl Acetate	29.1	20.0	145	24.8	20.0	124	84-146	16	20
Vinyl Chloride	9.56	10.0	96	8.71	10.0	87	66-135	9	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Analyst: CCapolup

Printed: 06/06/2008 12:00:50 P:\STEALTH\CRYSTAL.RPT\Form3DLC.rpt Form 3C - Organic

QA/QC Report

Client:

Columbia Analytical Services, Inc. - TGI

Project:

Bond & Bond Shiprock, NM

Sample Matrix:

Water

Service Request: P0801650

Date Extracted: 06/04/2008 Date Analyzed: 06/04/2008

Lab Control Spike Summary Volatile Organic Compounds

Extraction Method:

EPA 5030C

Analysis Method: 8260B

Units: ug/L Basis: NA

Level: Low

Extraction Lot: PWG0800743

Lab Control Sample PWG0800743-3 Lah Control Snike

•	Lab	Control Spik	e	%Rec	
Analyte Name	Result	Expected	%Rec	Limits	
1,1,1,2-Tetrachloroethane	9.29	10.0	93	74-129	
1,1,1-Trichloroethane (TCA)	10.4	10.0	104	61-125	
1,1,2,2-Tetrachloroethane	9.75	10.0	98	81-128	
1,1,2-Trichloroethane	9,39	10.0	94	87-115	
1,1-Dichloroethane	9.56	10.0	96	75-118	
1,1-Dichloroethene	10.6	10.0	106	67-129	
1,1-Dichloropropene	10.3	10.0	103	64-105	
1,2,3-Trichlorobenzene	9.56	10.0	96	73-132	
1,2,3-Trichloropropane	9.38	10.0	94	79-119	
1,2,4-Trichlorobenzene	9.93	10.0	99	78-126	
1,2,4-Trimethylbenzene	10.9	10.0	109	78-113	
1,2-Dibromo-3-chloropropane	16.7	20.0	84	60-118	
1,2-Dibromoethane (EDB)	9.35	10.0	94	85-113	
1,2-Dichlorobenzene	9.94	10.0	99	90-113	
1,2-Dichloroethane (EDC)	9.54	10.0	95	65-128	•
1,2-Dichloropropane	9.23	10.0	92	80-116	
1,3,5-Trimethylbenzene	10.8	10.0	108	75-112	
1,3-Dichlorobenzene	10.1	10.0	101	88-112	
1,3-Dichloropropane	9.38	10.0	94	82-113	
1,4-Dichlorobenzene	10.1	10.0	101	90-112	
2,2-Dichloropropane	11.1	10.0	111	64-126	
2-Butanone (MEK)	44.2	50.0	88	73-137	
2-Chlorotoluene	10.6	10.0	106	74-116	
2-Hexanone	46.4	50.0	93	80-129	
4-Chlorotoluene	10.4	10.0	104	73-114	
4-Isopropyltoluene	11.2	10.0	112	74-113	
4-Methyl-2-pentanone (MIBK)	46.1	50.0	92	77-136	•
Acetone	44.6	50.0	89	70-139	
Benzene	9.90	10.0	99	81-113	
Bromobenzene	9.74	10.0	97	82-123	
Bromochloromethane	9.58	10.0	96	84-118	
Bromodichloromethane	9.26	10.0	93	68-129	•
Bromoform	8.64	10.0	86	52-169	
Bromomethane	9.85	10.0	99	59-139	
Carbon Disulfide	22.1	20.0	111	59-118	

Results flagged with an asterisk (*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Analyst: CCapolup

Printed: 06/06/2008 12:00:53 P:\STEALTH\CRYSTAL.RPT\Form3LCS.rpt Form 3C - Organic

Page

QA/QC Report

Client:

Columbia Analytical Services, Inc. - TGI

Project:

Bond & Bond Shiprock, NM

Sample Matrix:

Water

Service Request: P0801650

Date Extracted: 06/04/2008 Date Analyzed: 06/04/2008

Lab Control Spike Summary Volatile Organic Compounds

Extraction Method: EPA 5030C

Analysis Method:

8260B

Units: ug/L Basis: NA

Level: Low

Extraction Lot: PWG0800743

Lab Control Sample PWG0800743-3

Analyte Name Result Carbon Tetrachloride 9.65 Chlorobenzene 9.85 Chloroethane 10.2	10.0 10.0 10.0 10.0 10.0	%Rec 97 99	%Rec Limits	 ·			
Chlorobenzene 9.85 Chloroethane 10.2	10.0 10.0	99		·			
Chloroethane 10.2	10.0		0.00 110				
			87-113				
	100	102	67-134				
Chloroform 9.99	10.0	100	74-121				
Chloromethane 10.4	10.0	104	68-125				
cis-1,2-Dichloroethene 9.89	10.0	99	76-117				
cis-1,3-Dichloropropene 9.44	10.0	94	77-112		-		
Dibromochloromethane 9.16	10.0	92	69-137				
Dibromomethane 9.10	10.0	91	81-119				
Dichlorodifluoromethane 13.3	10.0	133	52-152				
Ethylbenzene 10.4	10.0	104	82-114				
Hexachlorobutadiene 10.9	10.0	109	59-141				
Iodomethane 21.9	20.0	109	71-133				
Isopropylbenzene 10.9	10.0	109	76-112				•
Total Xylenes 31.0	30.0	103	81-115				
Methyl tert-Butyl Ether 19.9	20.0	100	75-114				
Methylene Chloride 9.20	10.0	92	82-120				
n-Butylbenzene 11.6	10.0	116	68-116	•			
n-Propylbenzene 10.8	10.0	108	71-121				
Naphthalene 9.31	10.0	93	78-127		•		
sec-Butylbenzene 12.0	10.0	120 L1	69-107				
Styrene 10.1	10.0	101	73-111				
tert-Butylbenzene 10.9	10.0	109	73-113				
Tetrachloroethene (PCE) 10.5	10.0	105	78-115				
Toluene 10.0	10.0	100	81-112				
trans-1,2-Dichloroethene 9.76	10.0	98	75-113				
trans-1,3-Dichloropropene 9.46	10.0	95	67-115				
Trichloroethene (TCE) 9.77	10.0	98	77-113				
Trichlorofluoromethane 13.2	10.0	132	50-159				
Vinyl Acetate 24.2	20.0	121	84-146				
Vinyl Chloride 10.9	10.0	109	66-135			•	

Results flagged with an asterisk (*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Analyst: CCapolup

Printed: 06/06/2008 12:00:53 P:\STEALTH\CRYSTAL.RPT\Form3LCS.rpt Form 3C - Organic

Page



July 21, 2008

Scott Ruth Bristol Environmental & Engineering 111 W. 16th Ave., Ste 301 Anchorage, AK 99501

Bond & Bond/Shiprock, NM

Work Order No.:

08050391

Dear Scott.

Attached is the original Report of Analysis from TestAmerica (AZ0728) for the samples received on 5/23/08. The following analysis was performed:

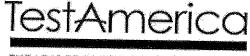
Method EPA 8011 - EDB and DBCP

If you have any questions regarding the results, please call me. We appreciate your business and thank you for choosing Columbia Analytical Services.

Sincerely,

Project Manager

ADHS License No. AZ0133/AZ0667/AZM133



THE LEADER IN ENVIRONMENTAL TESTING

4645 East Cotton Center Blvd. Building 3, Ste 189, Phoenix, AZ 85040 (602) 437-3340 Fax: (602) 454-9303

LABORATORY REPORT

Prepared For: Columbia Analytical Services - Phoenix

3725 E. Atlanta Ave. Suite 2

Phoenix, AZ 85040 Attention: Marcia Smith Project: 08050391 Bond & Bond Shiprock,

NM

Sampled: 05/21/08 Received: 05/23/08 Issued: 06/04/08 08:51

NELAP #01109CA Arizona DHS#AZ0728

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain of Custody, 1 page, is included and is an integral part of this report.

This entire report was reviewed and approved for release.

CASE NARRATIVE

LABORATORY ID	CLIENT ID	MATRIX
PRE1278-01	MW-7 (08050391-01C)	Water
PRE1278-02	MW-4 (08050391-02C)	Water
PRE1278-03	MW-6 (08050391-03C)	Water
PRE1278-04	MW-7 DUP (08050391-04C)	Water
PRE1278-05	Trip Blank (08050391-05B)	Water

SAMPLE RECEIPT:

Samples were received intact, at 4°C, on ice and with chain of custody documentation.

HOLDING TIMES:

All samples were analyzed within prescribed holding times and/or in accordance with the TestAmerica

Sample Acceptance Policy unless otherwise noted in the report.

PRESERVATION:

Samples requiring preservation were verified prior to sample analysis.

QA/QC CRITERIA:

All analyses met method criteria, except as noted in the report with data qualifiers.

COMMENTS:

No significant observations were made.

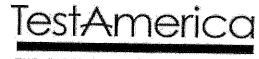
SUBCONTRACTED:

Refer to the last page for specific subcontract laboratory information included in this report.

Reviewed By:

TestAmerica Phoenix

Kylie Emily Project Manager



THE LEADER IN ENVIRONMENTAL TESTING

4645 East Cotton Center Blvd. Building 3, Ste 189, Phoenix, AZ 85040 (602) 437-3340 Fax:

(602) 454-9303

Columbia Analytical Services - Phoenix

3725 E. Atlanta Ave. Suite 2

Phoenix, AZ 85040 Attention: Marcia Smith Project ID: 08050391 Bond & Bond Shiprock, NM

Report Number: PRE1278

Sampled: 05/21/08 Received: 05/23/08

EDB and DBCP by EPA Method 8011

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: PRE1278-01 (MW-7 (08050391-	01C) - Water)							
Reporting Units: ug/L	,							
1,2-Dibromoethane (EDB)	SW846 8011	8054228	0.0201	ND	1.01	5/29/2008	5/31/2008	
1,2-Dibromo-3-chloropropane	SW846 8011	8054228	0.101	ND	1.01	5/29/2008	5/31/2008	
Surrogate: 1,3-Dichlorobenzene (44-150%)				119%			2,21,2000	
Sample ID: PRE1278-02 (MW-4 (08050391-	02C) - Water)							
Reporting Units: ug/L	,,							
1,2-Dibromoethane (EDB)	SW846 8011	8054228	0.0199	ND	0.994	5/29/2008	5/31/2008	
1,2-Dibromo-3-chloropropane	SW846 8011	8054228	0.0994	ND	0.994	5/29/2008	5/31/2008	
Surrogate: 1,3-Dichlorobenzene (44-150%)				108 %	0.577	312772000	212114000	
Sample ID: PRE1278-03 (MW-6 (08050391-6	3C) - Water)							
Reporting Units: ug/L	, contraction							
1,2-Dibromoethane (EDB)	SW846 8011	8054228	0.0199	ND	0.994	5/29/2008	5/31/2008	
1,2-Dibromo-3-chloropropane	SW846 8011	8054228	0.0994	ND	0.994	5/29/2008	5/31/2008	
Surrogate: 1,3-Dichlorobenzene (44-150%)		-	-1777	113 %	0.554	312312000	3/31/2006	
Sample ID: PRE1278-04 (MW-7 DUP (08050	391-04C) - Water	1						
Reporting Units: ug/L	The state of the s	,						
1,2-Dibromoethane (EDB)	SW846 8011	8054228	0.0199	ND	0.994	5/29/2008	5/31/2008	
1,2-Dibromo-3-chloropropane	SW846 8011	8054228	0.0994	ND	0.994	5/29/2008	5/31/2008	
Surrogate: 1,3-Dichlorobenzene (44-150%)				124 %	0.551	312712000	3/31/2008	
Sample ID: PRE1278-05 (Trip Blank (080503	191-05B) - Water)							
Reporting Units: ug/L	, , , , , , , , , , , , , , , , , , ,							
1,2-Dibromoethane (EDB)	SW846 8011	8054228	0.0201	ND	i	5/29/2008	5/21/2000	
1,2-Dibromo-3-chloropropane	SW846 8011	8054228	0.100	ND	1	5/29/2008	5/31/2008 5/31/2008	
Surrogate: 1,3-Dichlorobenzene (44-150%)				112 %	1	J14714UUO	2/21/2008	

TestAmerica Phoenix

Kylie Emily Project Manager



THE LEADER IN ENVIRONMENTAL TESTING

4645 East Cotton Center Blvd. Building 3, Ste 189, Phoenix, AZ 85040 (602) 437-3340 Fax:

(602) 454-9303

Columbia Analytical Services - Phoenix

3725 E. Atlanta Ave. Suite 2

Phoenix, AZ 85040 Attention: Marcia Smith Project ID: 08050391 Bond & Bond Shiprock, NM

Report Number: PRE1278

Sampled: 05/21/08

Received: 05/23/08

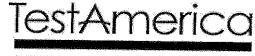
METHOD BLANK/QC DATA

EDB and DBCP by EPA Method 8011

Analyte <u>Batch: 8054228 Extracted: 05/29/08</u>	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Blank Analyzed: 05/31/2008 (8054228-B)	LK1)									
1,2-Dibromoethane (EDB)	ND	0.0200	ug/L							
1,2-Dibromo-3-chloropropane	ND	0.100	ug/L							
Surrogate: 1,3-Dichlorobenzene	10.6		ug/L	5.7]		186	44-150			S4
LCS Analyzed: 05/31/2008 (8054228-BS1	.)									
1,2-Dibromoethane (EDB)	0.2857	0.0200	ug/L	0.286		100	60-141			
1,2-Dibromo-3-chloropropane	0.3429	0.100	ug/L	0.286		120	54-150			
Surrogate: 1,3-Dichlorobenzene	7.71		ug/L	5.71		135	44-150			
Matrix Spike Analyzed: 05/31/2008 (8054	(228-MS1)				Source: Pl	ひをょうづな か	1			
1,2-Dibromoethane (EDB)	0.2857	0.0200	ug/]_	0.286	ND	100	24-162			
1,2-Dibromo-3-chloropropane	0.2857	0.100	ug/L	0.286	ND	100	24-157			
Surrogate: 1,3-Dichlorobenzene	6.80		ug/L	5.71	2112	119	44-150			
Matrix Spike Dup Analyzed: 05/31/2008 ((8054228-MS	(D1)		,	Source: PI	QE1278.0:	í			
1,2-Dibromoethane (EDB)	0.2874	0.0201	ug/L	0.287	ND	100	24-162	1	50	
1,2-Dibromo-3-chloropropane	0.2874	0.101	ug/L	0.287	ND	100	24-157	1	50	
Surrogate: 1,3-Dichlorobenzene	6.32		ug/L	5.75		110	44-150	1	30	

TestAmerica Phoenix

Kylie Emily Project Manager



THE LEADER IN ENVIRONMENTAL TESTING

4645 East Cotton Center Blvd. Building 3, Ste 189, Phoenix, AZ 85040 (602) 437-3340 Fax:

(602) 454-9303

Columbia Analytical Services - Phoenix

Project ID: 08050391 Bond & Bond Shiprock, NM

3725 E. Atlanta Ave. Suite 2

Sampled: 05/21/08

Phoenix, AZ 85040 Attention: Marcia Smith

Report Number: PRE1278

Received: 05/23/08

DATA QUALIFIERS AND DEFINITIONS

S4

Surrogate recovery was above laboratory and method acceptance limits. No target analytes were detected in the

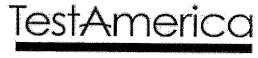
sample.

ND

Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.

RPD

Relative Percent Diffèrence



THE LEADER IN ENVIRONMENTAL TESTING

4645 East Cotton Center Blvd. Building 3, Ste 189, Phoenix, AZ 85040 (602) 437-3340 Fax: (602) 454-9303

Columbia Analytical Services - Phoenix

Project ID: 08050391 Bond & Bond Shiprock, NM

3725 E. Atlanta Ave. Suite 2 Phoenix, AZ 85040

Report Number: PRE1278

Sampled: 05/21/08

Attention: Marcia Smith

Received: 05/23/08

Certification Summary

Subcontracted Laboratories

TestAmerica - Nashville, TN Arizona Cert #AZ0473 2960 Foster Creighton Drive - Nashville, TN 37204

Method Performed: SW846 8011

Samples: PRE1278-01, PRE1278-02, PRE1278-03, PRE1278-04, PRE1278-05

TestAmerica Phoenix

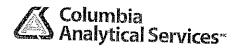
Kylie Emily Project Manager



COOLER RECEIPT



Cooler Received/Opened On 5 / 28 / 08 @ 8:00	14RE2375
1. Tracking # 15 10 (last 4 digits, FedEx)	
Courier: Fed-ex IR Gun ID 90942856	
2. Temperature of rep. sample or temp blank when opened: O. 2 Degrees Celsius	
3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen?	YES NONA
4. Were custody seals on outside of cooler?	YES (NO) NA
if yes, how many and where:	
5. Were the seals intact, signed, and dated correctly?	YESNONA
6. Were custody papers inside cooler?	YESNONA
I certify that I opened the cooler and answered questions 1-6 (Intial)	
7. Were custody seals on containers: YES (NO) and Intact	YESNO. NA
Were these signed and dated correctly?	YES NO (NA
8. Packing mat'l used? Rubbiewrap Plastic bag Peanuts Vermiculite Foam Insert Paper	Other None
9. Cooling process: Ce lce-pack lce (direct contact) Dry lce	Other None
10. Did all containers arrive in good condition (unbroken)?	YESNONA
11. Were all container labels complete (#, date, signed, pres., etc)?	VESNONA
12. Did all container labels and tags agree with custody papers?	YESNONA
13a. Were VOA vials received?	YES. NONA
b. Was there any observable headenage property	YES. (NO.) NA
14. Was there a Trip Blank in this cooler? YESNA If multiple coolers, sequence	
I certify that I unloaded the cooler and answered questions 7-14 (Intial)	<u> </u>
15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? Y	ESNO.NA
b. Did the bottle labels indicate that the correct and the bottle labels indicate the bottle labels in bottle labels indicate the bottle labels indicate the bottle labels indicate the bottle labels in bottle labels indicate the bottle labels in bottle labels	ESNONA
If preservation in-house was needed, record standard ID of preservative used here	
16. Was residual chlorine present?	ESNO(.NA)
I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial)	
17. Were custody papers properly filled out (lnk, signed, etc)?	ES ₂ .NONA
18. Did you sign the custody papers in the appropriate place?	ESNONA
19. Were correct containers used for the applications and the containers are the containe	ESNONA
20. Was sufficient amount of sample sent in each container?	ES., NONA
I certify that I entered this project into LIMS and answered questions 17-20 (intial)	
certify that I attached a label with the unique LIMS number to each container (initial)	
21. Were there Non-Conformance issues at login? YES. NO Was a PIPE generated? YES. NO)#



CHAIN-OF-CUSTODY

Page 1 of 1

Marc	ia A.	Sm	ìth

3725 E. Atlanta Avenue

TEL:

(602) 437-0330

(602) 437-0660

Work Order: 08050391

Project: BOND & BOND \$HIPROCK, NM

Phoenix, AZ 85040

Subcontractor:

TestAmerica - Phoenix

TEL:

FAX:

(602) 437-3321 (623) 445-6192

4645 E. Cotton Center Blvd. Bldg. 3, Suite 189 FAX: Phoenix, AZ 85040

TGI ID	Matrix	Collection Date	Container
01C	Aqueous	5/21/2008 6:25:00 PM	
02C	Aqueous		3
03C	Aqueous		3
04C	Aqueous		
05B			3 2
	01C 02C 03C 04C	01C Aqueous 02C Aqueous 03C Aqueous 04C Aqueous	01C Aqueous 5/21/2008 6:25:00 PM 02C Aqueous 5/21/2008 5:59:00 PM 03C Aqueous 5/21/2008 5:40:00 PM 04C Aqueous 5/21/2008 6:25:00 PM

			23-May-08
		Requested Tests	
8011			
1	RE1278-1	MS/MS	
1	-2		
1	-3		
11	. 1/ -4		
1	V -5		

8011 = EDB & DBCP

Comments: After analysis, the samples do not need to be returned and can be disposed per your standard laboratory practices. Please provide a QC report, including Method Blank data.

	<u> </u>
Sai	uple Receipt
Temperature:	Ambient / Cold Ice:
Received Intact:	Absent / Present
Custody Seals:	OVer/Blue
Total No. of Containers:	Ui3°C.
112	Date/Timè

Relinquished by:

Relinquished by:

Relinquished by:

Date/Time

Received by:

Received by:

Received by:



October 16, 2008

Scott Ruth Bristol Environmental & Engineering 111 W. 16th Ave., Ste 301 Anchorage, AK 99501-1116

RE: Bond & Bond/48015

Work Order No.:

08080174

Dear Scott,

Columbia Analytical Services, Inc. received 43 samples between 8/11/08 and 8/14/08. The results of the analyses are presented in the following report.

The Case Narrative of this report addresses any Quality Control and/or Quality Assurance issues associated with this Work Order.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. The test results meet requirements of the current NELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAPaccredited analytes, refer to the certifications section at www.caslab.com.

If you have any questions regarding these test results, please feel free to call us at (602) 437-0330.

Sincerely,

Marcia A. Smith

Project Manager

ADHS License No. AZ0133/AZ0667/AZM133



Client: Bristol Environmental & Engineering

Work Order: 08080174
Project Name: Bond & Bond

Project Number: 48015

Date Printed: 16-Oct-08

Case Narrative

Samples were received intact and within proper temperature criteria.

Results are reported on a wet weight basis unless dry-correction is denoted in the units field on the analytical report ("mg/kg-dry").

All method blanks, laboratory spikes, and/or matrix spikes met quality control objectives for the parameters associated with this Work Order except as detailed below or on the Data Qualifier page of this report. Data Qualifiers used in this report are in accordance with ADEQ Arizona Data Qualifiers, Revision 3.0 9/20/2007.

Data qualifiers ("flags") contained within this analytical report have been issued to explain a quality control deficiency, and do not affect the quality (validity) of the data unless noted otherwise in the case narrative.

The 8021B and 8015MOD water analysis performed was for screening purposes only. No QC was analyzed with the sample batches. This data is not to be used in compliance situations.

The TVFHC (C6-C10) by SW8021B analysis performed by Columbia Analytical Services, Inc. is a screening technique based on a modified EPA method. This data is not to be used in compliance situations.

Analytical Comments for Method SW8270C: N1: Matrix Spike Duplicate 08080275-01, Batch 1255: Benzoic acid RPD exceeded the laboratory control limits for both MS/MSD and LCS-LCSD. Historical control limits have not been generated yet for MS/MSD recoveries. Benzoic acid is not a compound of concern for this project.

Analytical Comments for Method SW8082: N1: Samples 08080174-35,-38,-40, Batch 1250: Surrogate recovery was below laboratory acceptance limits. Sample was re-extracted and re-analyzed past holding time. Original results were confirmed. No target analytes were detected in the sample.

Analytical Comments for Method SW8270C: N1: Sample 08080174-30, Batch 1243: Surrogate recovery was below laboratory acceptance limits. Sample was re-extracted and re-analyzed past holding time. Original results were confirmed. No target analytes were detected in the sample.

Analytical Comments for Method SW8270C: N1: Sample 08080174-22, Batch 1195: Surrogate recovery was below laboratory acceptance limits. Sample was re-extracted and re-analyzed past holding time. Original results were confirmed. No target analytes were detected in the sample.



Client:

Bristol Environmental & Engineering

Work Order:

08080174

Project Name:

Bond & Bond

Project Number: 48015

Date Printed: 16-Oct-08

Case Narrative

Analytical Comments for Method SW8021B: S10: Samples 08080174-01,-03,-04,-16,-19,-20,-21: : Surrogate recoveries were above laboratory acceptance criteria due to matrix interference.



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Project Name:

Bond & Bond

Project Number: Work Order: Date Received:

48015

08080174 11-Aug-08 Case Narrative

Data Qualifiers

One or more of the following data qualifiers may be associated with your analytical and/or quality control data.

DI	Sample required dilution due to matrix.
D2	Sample required dilution due to high concentration of target analyte.

L1 The associated blank spike recovery was above laboratory acceptance limits.

L2 The associated blank spike recovery was below laboratory acceptance limits.

M2 Matrix spike recovery was low, the associated blank spike recovery was acceptable.

N1 See case narrative.

S6

R2 RPD/RSD exceeded the laboratory acceptance limit.

R5 MS/MSD RPD exceeded the laboratory acceptance limit. Recovery met acceptance criteria.

R7 LFB/LFBD RPD exceeded the laboratory acceptance limit. Recovery met acceptance criteria.

S10 Surrogate recovery was above laboratory and method acceptance limits. See Case Narrative.

S4 Surrogate recovery was above laboratory and method acceptance limits. No target analytes were detected in the sample.

Surrogate recovery was below laboratory and method acceptance limits. Reextraction and/or reanalysis confirms low recovery caused by matrix effect.

The analysis of the sample required a dilution such that the surrogate recovery calculation does not provide any useful information. The associated blank spike recovery was acceptable.

V1 CCV recovery was above method acceptance limits. This target analyte was not detected in the sample.



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Project Name:

Bond & Bond

Project Number: 48015 Work Order:

08080174

Client Sample ID	Lab Sample ID	Test Code	Collection Date	Date Received
B-1-2'	08080174-01A	8015AZ	8/11/08 10:00 AM	8/11/08 10:15 AM
		SW6010B	8/11/08 10:00 AM	8/11/08 10:15 AM
		SW7471A	8/11/08 10:00 AM	8/11/08 10:15 AM
		SW8021B	8/11/08 10:00 AM	8/11/08 10:15 AM
		SW8082	8/11/08 10:00 AM	8/11/08 10:15 AM
		SW8270C	8/11/08 10:00 AM	8/11/08 10:15 AM
B1-5'	08080174-02A	8015AZ	8/11/08 10:10 AM	8/11/08 10:15 AM
•		SW6010B	8/11/08 10:10 AM	8/11/08 10:15 AM
		SW7471A	8/11/08 10:10 AM	8/11/08 10:15 AM
		SW8021B	8/11/08 10:10 AM	8/11/08 10:15 AM
		SW8082	8/11/08 10:10 AM	8/11/08 10:15 AM
		SW8270C	8/11/08 10:10 AM	8/11/08 10:15 AM
B-1-12'	08080174-03A	8015AZ	8/11/08 10:25 AM	8/11/08 10:30 AM
		SW6010B	8/11/08 10:25 AM	8/11/08 10:30 AM
		SW7471A	8/11/08 10:25 AM	8/11/08 10:30 AM
		SW8021B	8/11/08 10:25 AM	8/11/08 10:30 AM
		SW8082	8/11/08 10:25 AM	8/11/08 10:30 AM
		SW8270C	8/11/08 10:25 AM	8/11/08 10:30 AM
B-1-GW	08080174-04A	8015MOD	8/11/08 11:10 AM	8/11/08 11:15 AM
		SW8021B	8/11/08 11:10 AM	8/11/08 11:15 AM
B-2-5'	08080174-05A	8015AZ	8/11/08 11:10 AM	8/11/08 11:20 AM
		SW6010B	8/11/08 11:10 AM	8/11/08 11:20 AM
		SW7471A	8/11/08 11:10 AM	8/11/08 11:20 AM
		SW8021B	8/11/08 11:10 AM	8/11/08 11:20 AM
		SW8082	8/11/08 11:10 AM	8/11/08 11:20 AM
		SW8270C	8/11/08 11:10 AM	8/11/08 11:20 AM
B-2-11'	08080174-06A	8015AZ	8/11/08 11:15 AM	8/11/08 11:20 AM
		SW6010B	8/11/08 11:15 AM	8/11/08 11:20 AM
		SW7471A	8/11/08 11:15 AM	8/11/08 11:20 AM
		SW8021B	8/11/08 11:15 AM	8/11/08 11:20 AM
		SW8082	8/11/08 11:15 AM	8/11/08 11:20 AM
		SW8270C	8/11/08 11:15 AM	8/11/08 11:20 AM
B-2-1.5'	08080174-07A	8015AZ	8/11/08 11:05 AM	8/11/08 12:15 PM
		SW6010B	8/11/08 11:05 AM	8/11/08 12:15 PM
		21100101	0/11/00 11.03 AW	6/11/00 12.13 1

Bristol Environmental & Engineering

Project Name:

Bond & Bond

Project Number: Work Order:

48015 08080174

Client Sample ID	Lab Sample ID	Test Code	Collection Date	Date Received
B-2-1.5'	08080174-07A	SW7471A	8/11/08 11:05 AM	8/11/08 12:15 PM
		SW8021B	8/11/08 11:05 AM	8/11/08 12:15 PM
		SW8082	8/11/08 11:05 AM	8/11/08 12:15 PM
		SW8270C	8/11/08 11:05 AM	8/11/08 12:15 PM
B-2-GW	08080174-08A	8015MOD	8/11/08 12:25 PM	8/11/08 12:30 PM
		SW8021B	8/11/08 12:25 PM	8/11/08 12:30 PM
B-3-GW	08080174-09A	8015MOD	8/11/08 12:40 PM	8/11/08 12:50 PM
		SW8021B	8/11/08 12:40 PM	8/11/08 12:50 PM
B-3-11.5	08080174-10A	8015AZ	8/11/08 12:30 PM	8/11/08 12:55 PM
		SW6010B	8/11/08 12:30 PM	8/11/08 12:55 PM
		SW7471A	8/11/08 12:30 PM	8/11/08 12:55 PM
		SW8021B	8/11/08 12:30 PM	8/11/08 12:55 PM
		SW8082	8/11/08 12:30 PM	8/11/08 12:55 PM
		SW8270C	8/11/08 12:30 PM	8/11/08 12:55 PM
B-4-12	08080174-11A	8015AZ	8/11/08 01:50 PM	8/11/08 02:25 PM
		SW6010B	8/11/08 01:50 PM	8/11/08 02:25 PM
		SW7471A	8/11/08 01:50 PM	8/11/08 02:25 PM
		SW8021B	8/11/08 01:50 PM	8/11/08 02:25 PM
		SW8082	8/11/08 01:50 PM	8/11/08 02:25 PM
		SW8270C	8/11/08 01:50 PM	8/11/08 02:25 PM
B-4-GW	08080174-12A	8015MOD	8/11/08 02:30 PM	8/11/08 02:40 PM
		SW8021B	8/11/08 02:30 PM	8/11/08 02:40 PM
B-5-GW	08080174-13A	8015MOD	8/11/08 03:00 PM	8/11/08 03:10 PM
		SW8021B	8/11/08 03:00 PM	8/11/08 03:10 PM
B-5-12	08080174-14A	8015AZ	8/11/08 02:30 PM	8/11/08 03:20 PM
		SW6010B	8/11/08 02:30 PM	8/11/08 03:20 PM
		SW7471A	8/11/08 02:30 PM	8/11/08 03:20 PM
		SW8021B	8/11/08 02:30 PM	8/11/08 03:20 PM
		SW8082	8/11/08 02:30 PM	8/11/08 03:20 PM
		SW8270C	8/11/08 02:30 PM	8/11/08 03:20 PM
B-6-12'	08080174-15A	8015AZ	8/12/08 09:10 AM	8/12/08 09:15 AM
		SW6010B	8/12/08 09:10 AM	8/12/08 09:15 AM
		SW7471A	8/12/08 09:10 AM	8/12/08 09:15 AM
		SW8021B	8/12/08 09:10 AM	8/12/08 09:15 AM
		SW8082	8/12/08 09:10 AM	8/12/08 09:15 AM
		SW8270C	8/12/08 09:10 AM	8/12/08 09:15 AM
B-7-12'	08080174-16A	8015AZ	8/12/08 09:35 AM	8/12/08 09:50 AM

Bristol Environmental & Engineering

Project Name:

Bond & Bond

Project Number: 48015 Work Order:

08080174

Client Sample ID	Lab Sample ID	Test Code	Collection Date	Date Received
B-7-12'	08080174-16A	SW6010B	8/12/08 09:35 AM	8/12/08 09:50 AM
		SW7471A	8/12/08 09:35 AM	8/12/08 09:50 AM
		SW8021B	8/12/08 09:35 AM	8/12/08 09:50 AM
		SW8082	8/12/08 09:35 AM	8/12/08 09:50 AM
		SW8270C	8/12/08 09:35 AM	8/12/08 09:50 AM
B-8-6'	08080174-17A	8015AZ	8/12/08 10:15 AM	8/12/08 10:20 AM
		SW6010B	8/12/08 10:15 AM	8/12/08 10:20 AM
		SW7471A	8/12/08 10:15 AM	8/12/08 10:20 AM
		SW8021B	8/12/08 10:15 AM	8/12/08 10:20 AM
		SW8082	8/12/08 10:15 AM	8/12/08 10:20 AM
		SW8270C	8/12/08 10:15 AM	8/12/08 10:20 AM
B-6-GW	08080174-18A	8015MOD	8/12/08 10:10 AM	8/12/08 10:25 AM
		SW8021B	8/12/08 10:10 AM	8/12/08 10:25 AM
B-8-12'	08080174-19A	8015AZ	8/12/08 10:25 AM	8/12/08 10:35 AM
		SW6010B	8/12/08 10:25 AM	8/12/08 10:35 AM
		SW7471A	8/12/08 10:25 AM	8/12/08 10:35 AM
		SW8021B	8/12/08 10:25 AM	8/12/08 10:35 AM
		SW8082	8/12/08 10:25 AM	8/12/08 10:35 AM
		SW8270C	8/12/08 10:25 AM	8/12/08 10:35 AM
B-7-GW	08080174-20A	8015MOD	8/12/08 11:30 AM	8/12/08 11:40 AM
		SW8021B	8/12/08 11:30 AM	8/12/08 11:40 AM
B-8-GW	08080174-21A	8015MOD	8/12/08 12:30 PM	8/12/08 12:35 PM
		SW8021B	8/12/08 12:30 PM	8/12/08 12:35 PM
B-9-7'	08080174-22A	8015AZ	8/12/08 12:15 PM	8/12/08 12:35 PM
		SW6010B	8/12/08 12:15 PM	8/12/08 12:35 PM
		SW7471A	8/12/08 12:15 PM	8/12/08 12:35 PM
		SW8021B	8/12/08 12:15 PM	8/12/08 12:35 PM
		SW8082	8/12/08 12:15 PM	8/12/08 12:35 PM
		SW8270C	8/12/08 12:15 PM	8/12/08 12:35 PM
B-9-GW	08080174-23A	8015MOD	8/12/08 02:14 PM	8/12/08 02:20 PM
		SW8021B	8/12/08 02:14 PM	8/12/08 02:20 PM
B-10-7'	08080174-24A	8015AZ	8/12/08 02:25 PM	8/12/08 02:35 PM
		SW6010B	8/12/08 02:25 PM	8/12/08 02:35 PM
		SW7471A	8/12/08 02:25 PM	8/12/08 02:35 PM
		SW8021B	8/12/08 02:25 PM	8/12/08 02:35 PM
		SW8082	8/12/08 02:25 PM	8/12/08 02:35 PM
		SW8270C	8/12/08 02:25 PM	8/12/08 02:35 PM

Bristol Environmental & Engineering

Project Name:

Bond & Bond

Project Number: 48015 Work Order:

08080174

Client Sample ID	Lab Sample ID	Test Code	Collection Date	Date Received
B-10-GW	08080174-25A	8015MOD	8/12/08 02:50 PM	8/12/08 03:00 PM
		SW8021B	8/12/08 02:50 PM	8/12/08 03:00 PM
B-11-9'	08080174-26A	8015AZ	8/13/08 09:35 AM	8/13/08 09:45 AM
		SW6010B	8/13/08 09:35 AM	8/13/08 09:45 AM
		SW7471A	8/13/08 09:35 AM	8/13/08 09:45 AM
		SW8021B	8/13/08 09:35 AM	8/13/08 09:45 AM
		SW8082	8/13/08 09:35 AM	8/13/08 09:45 AM
		SW8270C	8/13/08 09:35 AM	8/13/08 09:45 AM
B-11-GW	08080174-27A	8015MOD	8/13/08 10:10 AM	8/13/08 10:30 AM
		SW8021B	8/13/08 10:10 AM	8/13/08 10:30 AM
B-12-7	08080174-28A	8015AZ	8/13/08 10:15 AM	8/13/08 10:40 AM
		SW6010B	8/13/08 10:15 AM	8/13/08 10:40 AM
		SW7471A	8/13/08 10:15 AM	8/13/08 10:40 AM
		SW8021B	8/13/08 10:15 AM	8/13/08 10:40 AM
		SW8082	8/13/08 10:15 AM	8/13/08 10:40 AM
		SW8270C	8/13/08 10:15 AM	8/13/08 10:40 AM
B-12-GW	08080174-29A	8015MOD	8/13/08 01:00 PM	8/13/08 01:05 PM
		SW8021B	8/13/08 01:00 PM	8/13/08 01:05 PM
B-12-2'	08080174-30A	8015AZ	8/13/08 10:25 AM	8/13/08 03:50 PM
		SW6010B	8/13/08 10:25 AM	8/13/08 03:50 PM
		SW7471A	8/13/08 10:25 AM	8/13/08 03:50 PM
		SW8021B	8/13/08 10:25 AM	8/13/08 03:50 PM
		SW8082	8/13/08 10:25 AM	8/13/08 03:50 PM
		SW8270C	8/13/08 10:25 AM	8/13/08 03:50 PM
B-13-7'	08080174-31A	8015AZ	8/13/08 03:40 PM	8/13/08 03:50 PM
		SW6010B	8/13/08 03:40 PM	8/13/08 03:50 PM
		SW7471A	8/13/08 03:40 PM	8/13/08 03:50 PM
		SW8021B	8/13/08 03:40 PM	8/13/08 03:50 PM
		SW8082	8/13/08 03:40 PM	8/13/08 03:50 PM
		SW8270C	8/13/08 03:40 PM	8/13/08 03:50 PM
B-13-GW	08080174-32A	8015MOD	8/13/08 04:15 PM	8/13/08 04:40 PM
		SW8021B	8/13/08 04:15 PM	8/13/08 04:40 PM
B-14-7'	08080174-33A	8015AZ	8/14/08 08:45 AM	8/14/08 08:50 AM
		SW6010B	8/14/08 08:45 AM	8/14/08 08:50 AM
		SW7471A	8/14/08 08:45 AM	8/14/08 08:50 AM
		SW8021B	8/14/08 08:45 AM	8/14/08 08:50 AM
		SW8082	8/14/08 08:45 AM	8/14/08 08:50 AM

Bristol Environmental & Engineering

Project Name:

Bond & Bond

Project Number: Work Order:

48015 08080174

Client Sample ID	Lab Sample ID	Test Code	Collection Date	Date Received
B-14-7'	08080174-33A	SW8270C	8/14/08 08:45 AM	8/14/08 08:50 AM
B-15-21	08080174-34A	8015AZ	8/14/08 09:05 AM	8/14/08 10:00 AM
		SW6010B	8/14/08 09:05 AM	8/14/08 10:00 AM
		SW7471A	8/14/08 09:05 AM	8/14/08 10:00 AM
		SW8021B	8/14/08 09:05 AM	8/14/08 10:00 AM
		SW8082	8/14/08 09:05 AM	8/14/08 10:00 AM
		SW8270C	8/14/08 09:05 AM	8/14/08 10:00 AM
B-15-8 ¹	08080174-35A	8015AZ	8/14/08 09:15 AM	8/14/08 10:00 AM
		SW6010B	8/14/08 09:15 AM	8/14/08 10:00 AM
		SW7471A	8/14/08 09:15 AM	8/14/08 10:00 AM
		SW8021B	8/14/08 09:15 AM	8/14/08 10:00 AM
		SW8082	8/14/08 09:15 AM	8/14/08 10:00 AM
		SW8270C	8/14/08 09:15 AM	8/14/08 10:00 AM
B-14-GW	08080174-36A	8015MOD	8/14/08 10:00 AM	8/14/08 10:05 AM
		SW8021B	8/14/08 10:00 AM	8/14/08 10:05 AM
B-15-GW	08080174-37A	8015MOD	8/14/08 10:20 AM	8/14/08 10:25 AM
		SW8021B	8/14/08 10:20 AM	8/14/08 10:25 AM
B-16-12	08080174-38A	8015AZ	8/14/08 02:20 PM	8/14/08 02:35 PM
		SW6010B	8/14/08 02:20 PM	8/14/08 02:35 PM
		SW7471A	8/14/08 02:20 PM	8/14/08 02:35 PM
		SW8021B	8/14/08 02:20 PM	8/14/08 02:35 PM
		SW8082	8/14/08 02:20 PM	8/14/08 02:35 PM
		SW8270C	8/14/08 02:20 PM	8/14/08 02:35 PM
B-16-GW	08080174-39A	8015MOD	8/14/08 02:30 PM	8/14/08 02:35 PM
		SW8021B	8/14/08 02:30 PM	8/14/08 02:35 PM
B-17-2'	08080174-40A	8015AZ	8/14/08 03:00 PM	8/14/08 03:10 PM
		SW6010B	8/14/08 03:00 PM	8/14/08 03:10 PM
		SW7471A	8/14/08 03:00 PM	8/14/08 03:10 PM
		SW8021B	8/14/08 03:00 PM	8/14/08 03:10 PM
		SW8082	8/14/08 03:00 PM	8/14/08 03:10 PM
		SW8270C	8/14/08 03:00 PM	8/14/08 03:10 PM
B-17-5'	08080174-41A	8015AZ	8/14/08 03:07 PM	8/14/08 03:10 PM
		SW6010B	8/14/08 03:07 PM	8/14/08 03:10 PM
		SW7471A	8/14/08 03:07 PM	8/14/08 03:10 PM
		SW8021B	8/14/08 03:07 PM	8/14/08 03:10 PM
		SW8082	8/14/08 03:07 PM	8/14/08 03:10 PM
		SW8270C	8/14/08 03:07 PM	8/14/08 03:10 PM

Bristol Environmental & Engineering

Project Name:

Bond & Bond

Project Number: Work Order:

48015 08080174

Client Sample ID	Lab Sample ID	Test Code	Collection Date	Date Received
B-17-12'	08080174-42A	8015AZ	8/14/08 03:25 PM	8/14/08 03:30 PM
		SW6010B	8/14/08 03:25 PM	8/14/08 03:30 PM
		SW7471A	8/14/08 03:25 PM	8/14/08 03:30 PM
		SW8021B	8/14/08 03:25 PM	8/14/08 03:30 PM
		SW8082	8/14/08 03:25 PM	8/14/08 03:30 PM
		SW8270C	8/14/08 03:25 PM	8/14/08 03:30 PM
B-17-GW	08080174-43A	8015MOD	8/14/08 03:30 PM	8/14/08 03:40 PM
		SW8021B	8/14/08 03:30 PM	8/14/08 03:40 PM



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Project Name:

Bond & Bond

Project Number: Work Order:

Date Received:

48015

08080174 11-Aug-08 **Definitions**

Analytical Spike (AS)

The AS is a known amount of a target analyte added to a sample after it has been distilled, digested, or extracted and is ready for analysis. The AS is generally performed if the MS has failed. It is used to indicate interference that arises from sample distillation, digestion, or extraction as opposed to interference that is innate to the matrix.

Continuing Curve Verification (CCV) The CCV is also referred to as a curve check. This is a standard analyzed at specified intervals during an analysis. The CCV verifies the stability and accuracy of the calibration curve. There are specific CCV recovery acceptance criteria for each method.

Dilution Factor (DF)

The DF is an indication of how much a sample had to be diluted in order to quantitate it on a standard curve. The DF is indicated in the reported sample result. The sample PQL increases as the dilution increases.

Internal Standard (IS)

The IS is a compound that is similar to the organic compound of interest in terms of chemical composition but is unique in that it is rare in the environment. The same concentration of IS is added to every sample for some organic methods.

Laboratory Control Sample (LCS)

The LCS is also referred to as a blank spike. The LCS is an addition of a known amount of a target analyte (from the same source as calibration standards or spikes) to an aliquot of deionized water or other appropriate clean matrix. The LCS is processed through the entire method procedure in the same manner as samples.

Matrix Spike (MS)

The MS is a known amount of a target analyte added to a sample. The MS is processed through the entire method procedure in the same manner as samples.

Method Blank (MB)

The MB is an aliquot of deionized water or other appropriate clean matrix that is thought to be free of the analyte in question. The MB is processed through the entire extraction or analysis procedure and is used to indicate contamination in the lab.

Method Detection Limit (MDL) The MDL is the lowest level of detection of which a method is capable.

Practical Quantitation Limit (PQL) The PQL is the lowest value at which Columbia Analytical Services can detect an analyte in matrix with a high degree of confidence. The PQL will increase as the DF increases. The PQL is greater than or equal to the MDL.

Relative Percent Difference (RPD) The RPD is a measure of precision (the ability to obtain the same result on re-analysis of the same sample). It is calculated using the result of a sample, MS, LCS, or LCSV and its associated duplicate result.

Secondary Source QC Sample (LCSV) The LCSV is also referred to as a second source laboratory control sample. It is the same type of standard as a calibration or spiking standard but is obtained from a different source. The LCSV is an indication of the primary standard quality, method performance, and instrument performance.

Surrogate

A surrogate compound is similar to the organic compound of interest in terms of chemical composition but is unique in that it is rare in the environment. When surrogates are used, they are added to every sample, blank and standard. Surrogate recovery is used as an indication of extraction and/or analytical success.

Trip Blank (TB)

The TB is a portion of deionized water preserved in the same manner as the samples. The TB travels from the lab, to the field, and then back to the lab with the samples from the field. The TB serves as an indication of contamination introduced during sample transportation.



References

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Project Name:

Bond & Bond

Project Number:

48015

Work Order:

08080174

Date Received:

11-Aug-08

Columbia Analytical Services, Inc. uses the methods outlined in the following references:

Code of Federal Regulations, 40CFR, Part 136, Appendix A. July 2005.

Standard Methods for the Examination of Water and Wastewater, 20th Edition, 1998.

Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, Revised March 1983.

Methods for the Determination of Inorganic Substances in Environmental Samples, EPA/600/R-93/100, Revised August 1993.

Methods for the Determination of Metals in Environmental Samples, Supplement 1: EPA/600/R-94/111, Revised May 1994.

Methods for the Determination of Organic Compounds in Drinking Water, EPA/600/4-88/039, Revised July, 1991; EPA-600/4-90/020, Supplement I, July 1990; EPA-600/R-92/129; Supplement II, August 1992; EPA-600/R-95/131, Supplement III, August 1995.

Hach, Water Analysis Handbook, 3rd Edition, 1997.

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition, 1986 including Update I, July 1992; Update IIA, August 1993; Update II; September 1994; Update IIB, January 1995; Update III, December 1996. Update IIIA, June 1999; and Update IIIB July 2005.

Bureau of Laboratory Services, State of Arizona Department of Health Services Method 8015AZ.R1, September 1998. (Comment: C6-C10 GRO reported by this method is not to be used in compliance situations)

ASTM MethodD4982, Annual Book of ASTM Standards, Volumes 11.01 and 11.02, 1995

The Determination of Polychlorinated Biphenyls in Transformer Fluid and Waste Oils, EPA-600 4-81-045, September 1982.

EPA Method 9013A, Cyanide Extraction Procedure for Solids and Oils. (Rev, 1 November 2004)

EPA Method 5035A, Closed-System Purge-and-Trap and Extraction for Volatile Organics in Soil and Waste Samples (draft rev. 1 July 2002)

EPA Method 5030C, Purge-and-Trap for Aqueous Samples (rev.3 May 2003)

Office of Ground Water and Drinking Water Technical Support Center, EPA 815-R-05-004, Manual for Certification of Drinking Water, (5th Edition January 2005)



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order: Lab ID:

08080174

Project Name:

08080174-01 Bond & Bond

Project Number: 48015

Client Sample ID: B-1-2'

Collection Date: 8/11/2008 10:00:00 AM

Matrix: Soil

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Batch ID
		PRE	P METHOD:	SW3050B	· · · · · · · · · · · · · · · · · · ·				Test Perf	ormed By: AZ0133
Arsenic	<5.0	5.0		mg/Kg	1.0	SW6010B	8/19/08	8/22/08 19:20	MDD	1200
Barium	140	5.0		mg/Kg	1.0	SW6010B	8/19/08	8/22/08 19:20	MDD	1200
Cadmium	<1.0	1.0		mg/Kg	1.0	SW6010B	8/19/08	8/22/08 19:20	MDD	1200
Chromium	9.1	5.0		mg/Kg	1.0	SW6010B	8/19/08	8/22/08 19:20	MDD	1200
Lead	5.0	5.0		mg/Kg	1.0	SW6010B	8/19/08	8/22/08 19:20	MDD	1200
Selenium	<5.0	5.0		mg/Kg	1.0	SW6010B	8/19/08	8/22/08 19:20	MDD	1200
Silver	<5.0	5.0		mg/Kg	1.0	SW6010B	8/19/08	8/22/08 19:20	MDD	1200
		PREI	METHOD: S	SW7471A					Test Perf	ormed By: AZ013
Mercury	<0.083	0.083		mg/Kg	1.0	SW7471A	8/19/08	8/20/08 15:57	BJL	1212
		PREP	METHOD: 8	015AZR1					Test Perfo	rmed By: AZM13
C10-C22 DRO	<30	30		mg/Kg	1.0	8015AZ	8/11/08	8/11/08	MO M	/L6GC13080811
C22-C32 ORO	<100	100		mg/Kg	1.0	8015AZ	8/11/08	8/11/08		/L6GC13080811
C10-C32 SRL	<130	130		mg/Kg	1.0	8015AZ	8/11/08	8/11/08		1L6GC13080811
o-Terphenyl(Surrogate)	101	70-130		%REC	1.0	8015AZ	8/11/08	8/11/08		/L6GC13080811
	7,000	PRE	P METHOD:	SW5035					Test Perfo	rmed By: AZM13
Methyl tert-butyl ether	<0.20	0.20		mg/Kg	1.0	SW8021B	8/11/08	8/11/08	MO N	1L6GC14080811
Benzene	<0.050	0.050		mg/Kg	1.0	SW8021B	8/11/08	8/11/08		1L6GC14080811
Ethylbenzene	<0.10	0.10		mg/Kg	1.0	SW8021B	8/11/08	8/11/08		L6GC14080811
- Foluene	<0.10	0.10		mg/Kg	1.0	SW8021B	8/11/08	8/11/08		1L6GC14080811
Xylenes, total	<0.15	0.15		mg/Kg	1.0	SW8021B	8/11/08	8/11/08	=	IL6GC14080811

	0.10	0,10		uignig	1.0	OHIOUZID	0711700	O) FITUO	MO	WILDGC 14080811
TVFHC (C6-C10)	<10	10		mg/Kg	1.0	SW8021B	8/11/08	8/11/08	МО	ML6GC14080811
Bromofluorobenzene(Surrogate)	134	64-127	S10	%REC	1.0	SW8021B	8/11/08	8/11/08	МО	ML6GC14080811
		P	REP METHO	D: SW3545		×			Test F	Performed By: AZ013
Acenaphthene	<0.68	0.68	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JН	1195
Acenaphthylene	<0.68	0.68	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JH	1195
Anthracene	<0.68	0.68	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JH	1195
Azobenzene	<0.68	0.68	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JH	1195
Benz[a]anthracene	<0.68	86.0	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JH	1195
Benzo[a]pyrene	< 0.68	0.68	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JH	1195
Benzo[b]fluoranthene	<0.68	0.68	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JH	1195
Benzo[g,h,i]perylene	< 0.68	0.68	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JH	1195
Benzo[k]fluoranthene	<0.68	0.68	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JH	1195
Benzoic acid	<10	10	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JH	1195
Benzyl alcohol	<0.68	0.68	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JH	1195
Bis(2-chloroethoxy)methane	<0.68	0.68	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JH	1195
Bis(2-chloroethyl)ether	<0.68	0.68	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JH	1195
								······································		1 -605



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-01

Project Name:

Bond & Bond

Project Number: 48015

Client Sample ID: B-1-2'

Collection Date: 8/11/2008 10:00:00 AM

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Bis(2-chloroisopropyl)ether	<0.68	0.68	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JH	1195
Bis(2-ethylhexyl)phthalate	<0.68	0.68	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JH	1195
4-Bromophenyl phenyl ether	< 0.68	0.68	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JH	1195
Butyl benzyl phthalate	<0.68	0.68	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JH	1195
4-Chloro-3-methylphenol	<0.68	0.68	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JН	1195
4-Chloroaniline	<1.4	1.4	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JH	1195
2-Chloronaphthalene	<0.68	0.68	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JH	1195
2-Chlorophenol	<0.68	0.68	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JH	1195
4-Chlorophenyl phenyl ether	<0.68	0.68	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JH	1195
Chrysene	<0.68	0.68	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JH	1195
Di-n-butyl phthalate	<0.68	0.68	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JH	1195
Di-n-octyl phthalate	<0.68	0.68	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JH	1195
Dibenz[a,h]anthracene	<0.68	0.68	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JH	1195
Dibenzofuran	< 0.68	0.68	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JH	1195
1,2-Dichlorobenzene	<0.68	0.68	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JH	1195
1,3-Dichlorobenzene	<0.68	88.0	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JH	1195
1,4-Dichlorobenzene	<0.68	0.68	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JH	1195
3,3'-Dichlorobenzidine	<3.5	3.5	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JH	1195
2,4-Dichlorophenol	<1.0	1.0	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JН	1195
Diethyl phthalate	< 0.68	0.68	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JH	1195
Dimethyl phthalate	<0.68	0.68	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JH	1195
2,4-Dimethylphenol	<0.68	0.68	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JН	1195
4,6-Dinitro-2-methylphenol	<4.1	4.1	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JH	1195
2,4-Dinitrophenol	<4.1	4.1	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JH	1195
2,4-Dinitrotoluene	<0.68	0.68	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JH	1195
2,6-Dinitrotoluene	<0.68	0.68	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JH	1195
Fluoranthene	< 0.68	0.68	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JH	1195
Fluorene	<0.68	0.68	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JН	1195
Hexachlorobenzene	<0.68	0.68	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JH	1195
Hexachlorobutadiene	<0.68	0.68	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JH	1195
Hexachlorocyclopentadiene	<4.1	4.1	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JH	1195
Hexachloroethane	<0.68	0.68	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JH	1195
Indeno[1,2,3-cd]pyrene	<0.68	0.68	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JH	1195
Isophorone	<0.68	0.68	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JH	1195
2-Methylnaphthalene	<0.68	0.68	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JH	1195
2-Methylphenol	<0.68	0.68	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JH	1195
4-Methylphenol	<1.0	1.0	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JH	1195
N-Nitrosodi-n-propylamine	<0.68	0.68	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JH	1195
N-Nitrosodiphenylamine	<0.68	0.68	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JH	1195
Naphthalene	<0.68	0.68	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JН	1195
Nitrobenzene	< 0.68	0.68	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JH	1195
2-Nitrophenol	<0.68	0.68	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JH	1195
4-Nitrophenol	<4.1	4.1	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JH	1195



Collection Date: 8/11/2008 10:00:00 AM

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

Project Name:

Bond & Bond

Project Number: 48015

08080174-01

Matrix: Soil

Client Sample ID: B-1-2'

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Batch ID
Pentachlorophenol	<1.4	1.4	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JH	1195
Phenanthrene	<0.68	0,68	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JH	1195
Phenol	<0.68	0.68	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JA JH	1195
Pyrene	<0.68	0.68	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JH	1195
1,2,4-Trichlorobenzene	<1.0	1.0	D1	mg/Kg mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53	JH JH	1195
2,4,6-Trichlorophenol	<1.0	1.0	D1	mg/Kg	2.1	SW8270C	8/19/08	8/27/08 20:53		1195
2-Chlorophenol-d4(Surrogate)	71	25-108	D,	%REC	2.1	SW8270C	8/19/08	8/27/08 20:53	JH	1195
1,2-Dichlorobenzene-d4(Surrogate)	75	18-106		%REC	2.1	SW8270C	8/19/08	8/27/08 20:53	JH	1195
2-Fluorobiphenyl(Surrogate)	79	22-111		%REC	2.1	SW8270C	8/19/08	8/27/08 20:53	JH	
2-Fluorophenol(Surrogate)	63	25-108		%REC	2.1	SW8270C	8/19/08	8/27/08 20:53	JH	1195
Nitrobenzene-d5(Surrogate)	78	24-108		%REC	2.1	SW8270C			JH	1195
Phenol-d6(Surrogate)	76 72	25-109		%REC			8/19/08	8/27/08 20:53	JH	1195
4-Terphenyl-d14(Surrogate)	. –	19-116			2.1	SW8270C	8/19/08	8/27/08 20:53	JH	1195
2,4,6-Tribromophenol(Surrogate)	81 47			%REC	2.1	SW8270C	8/19/08	8/27/08 20:53	JH	1195
z,4,0-1 noromophenoi(Sunogate)	47	25-117		%REC	2.1	SW8270C	8/19/08	8/27/08 20:53	JH	1195
		PREP ME	THOD: SW	3545/SW3550B		919-9			Test Perfor	med By: AZ0133
Arodor 1016	<0.034	0.034		mg/Kg	1.0	SW8082	8/18/08	8/21/08 22:18	TB	1185
Aroclor 1221	<0.10	0.10		mg/Kg	1.0	SW8082	8/18/08	8/21/08 22:18	TB	1185
Arocior 1232	< 0.067	0.067		mg/Kg	1.0	SW8082	8/18/08	8/21/08 22:18	TB	1185
Aroclor 1242	< 0.034	0.034		mg/Kg	1.0	SW8082	8/18/08	8/21/08 22:18	TB	1185
Aroclor 1248	< 0.034	0.034		mg/Kg	1.0	SW8082	8/18/08	8/21/08 22:18	TB	1185
Aroclor 1254	< 0.034	0.034		mg/Kg	1.0	SW8082	8/18/08	8/21/08 22:18	TB	1185
Aroclor 1260	< 0.034	0.034		mg/Kg	1.0	SW8082	8/18/08	8/21/08 22:18	TB	1185
Decachlorobiphenyl(Surrogate)	100	31-165		%REC	1.0	SW8082	8/18/08	8/21/08 22:18	TB	1185
FCMX(Surrogate)	110	39-160							10	1100



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-02

Project Name:

Bond & Bond

Project Number: 48015

Collection Date: 8/11/2008 10:10:00 AM

Matrix: Soil

Client Sample ID: B1-5'

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Batch ID
		PRE	P METHOD:	SW3050B			A Company of the Comp	**************************************	Test Peri	formed By: AZ0133
Arsenic	<5.0	5.0		mg/Kg	1.0	SW6010B	8/19/08	8/22/08 19:24	MDD	1200
Barium	110	5.0		mg/Kg	1.0	SW6010B	8/19/08	8/22/08 19:24	MDD	1200
Cadmium	<1.0	1.0		mg/Kg	1.0	SW6010B	8/19/08	8/22/08 19:24	MDD	1200
Chromium	<5.0	5.0		mg/Kg	1.0	SW6010B	8/19/08	8/22/08 19:24	MDD	1200
Lead	7.5	5.0		mg/Kg	1.0	SW6010B	8/19/08	8/22/08 19:24	MDD	1200
Selenium	<5.0	5.0		mg/Kg	1.0	SW6010B	8/19/08	8/22/08 19:24	MDD	1200
Silver	<5.0	5.0		mg/Kg	1.0	SW6010B	8/19/08	8/22/08 19:24	MDD	1200
		PRE	P METHOD:	SW7471A			11.00		Test Perf	ormed By: AZ0133
Mercury	<0.083	0.083		mg/Kg	1.0	SW7471A	8/19/08	8/20/08 15:59	BJL	1212
		PREI	P METHOD:	8015AZR1		1-1/10	100000	ANT To A subsection	Test Perfe	ormed By: AZM133
C10-C22 DRO	<30	30		mg/Kg	1.0	8015AZ	8/11/08	8/11/08	MO I	VL6GC13080811
C22-C32 ORO	<100	100		mg/Kg	1.0	8015AZ	8/11/08	8/11/08		/L6GC13080811
C10-C32 SRL	<130	130		mg/Kg	1.0	8015AZ	8/11/08	8/11/08		AL6GC13080811
o-Terphenyl(Surrogate)	100	70-130		%REC	1.0	8015AZ	8/11/08	8/11/08		AL6GC13080811
		PRE	P METHOD:	SW5035				VIV.		ormed By: AZM133
Methyl tert-butyl ether	<0.20	0.20		mg/Kg	1.0	SW8021B	8/11/08	8/11/08	MO M	AL6GC14080811
Benzene	< 0.050	0.050		mg/Kg	1.0	SW8021B	8/11/08	8/11/08		/L6GC14080811
Ethylbenzene	<0.10	0.10		mg/Kg	1.0	SW8021B	8/11/08	8/11/08		/L6GC14080811
Toluene	<0.10	0.10		mg/Kg	1.0	SW8021B	8/11/08	8/11/08		/L6GC14080811
Xylenes, total	<0.15	0.15		mg/Kg	1.0	SW8021B	8/11/08	8/11/08		AL6GC14080811
TVFHC (C6-C10)	<10	10		mg/Kg	1.0	SW8021B	8/11/08	8/11/08		/L6GC14080811
Bromofluorobenzene(Surrogate)	113	64-127		%REC	1.0	SW8021B	8/11/08	8/11/08		fL6GC14080811
100 may	10/41	PRE	P METHOD:	SW3545			PARENTE STORY OF THE STORY OF T		Test Perfo	ormed By: AZ0133
Acenaphthene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
Acenaphthylene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
Anthracene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
Azobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
Benz[a]anthracene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
Benzo[a]pyrene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
Benzo[b]fluoranthene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
Benzo[g,h,i]perylene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
Benzo[k]fluoranthene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
Benzolc acid	<5.0	5.0		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
Benzyl alcohol	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
Bis(2-chloroethoxy)methane	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
Bis(2-chloroethyl)ether	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-02

Project Name:

Bond & Bond

Project Number: 48015

Client Sample ID: B1-5'

caem sample 13. Bi 5

Collection Date: 8/11/2008 10:10:00 AM

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Bis(2-chloroisopropyl)ether	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
Bis(2-ethylhexyl)phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
4-Bromophenyl phenyl ether	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
Butyl benzyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
4-Chloro-3-methylphenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
4-Chloroaniline	<0.66	0.66		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
2-Chloronaphthalene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JН	1195
2-Chlorophenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
4-Chlorophenyl phenyl ether	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
Chrysene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
Di-n-butyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
Di-n-octyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
Dibenz[a,h]anthracene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
Dibenzofuran	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
1,2-Dichlorobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
1,3-Dichlorobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
1,4-Dichlorobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
3,3`-Dichlorobenzidine	<1.7	1.7		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
2,4-Dichlorophenol	<0.50	0.50		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
Diethyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
Dimethyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
2,4-Dimethylphenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
4,6-Dinitro-2-methylphenol	<2.0	2.0		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
2,4-Dinitrophenol	<2.0	2.0		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
2,4-Dinitrotoluene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
2,6-Dinitrotoluene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
Fluoranthene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
Fluorene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
Hexachlorobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
Hexachlorobutadiene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
Hexachlorocyclopentadiene	<2.0	2.0		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
Hexachloroethane	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
Indeno[1,2,3-cd]pyrene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
sophorone	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
2-Methylnaphthalene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
2-Methylphenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
4-Methylphenol	< 0.50	0.50		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
N-Nitrosodi-n-propylamine	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
N-Nitrosodiphenylamine	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
Naphthalene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JН	1195
Vitrobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
2-Nitrophenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
1-Nitrophenol	<2.0	2.0		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-02

Project Name:

Bond & Bond

Project Number: 48015

Client Sample ID: B1-5'

ment sumple ID. Di

Collection Date: 8/11/2008 10:10:00 AM

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Pentachlorophenol	<0.67	0.67		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	jН	1195
Phenanthrene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
Phenol	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
Pyrene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
1,2,4-Trichlorobenzene	<0.50	0.50		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
2,4,6-Trichlorophenol	<0.50	0.50		mg/Kg	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
2-Chlorophenol-d4(Surrogate)	65	25-108		%REC	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
1,2-Dichlorobenzene-d4(Surrogate)	73	18-106		%REC	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
2-Fluorobiphenyl(Surrogate)	72	22-111		%REC	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
2-Fluorophenol(Surrogate)	53	25-108		%REC	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
Nitrobenzene-d5(Surrogate)	73	24-108		%REC	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
Phenol-d6(Surrogate)	67	25-109		%REC	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
4-Terphenyl-d14(Surrogate)	79	19-116		%REC	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
2,4,6-Tribromophenol(Surrogate)	73	25-117		%REC	1.0	SW8270C	8/19/08	8/21/08 21:35	JH	1195
		PREP ME	THOD: SW3	3545/SW3550B					Test Perfor	med By: AZ0133
Aroclor 1016	<0.033	0.033		mg/Kg	1.0	SW8082	8/18/08	8/21/08 22:49	ТВ	1185
Aroclor 1221	< 0.10	0.10		mg/Kg	1.0	SW8082	8/18/08	8/21/08 22:49	TB	1185
Aroclor 1232	< 0.067	0.067		mg/Kg	1.0	SW8082	8/18/08	8/21/08 22:49	ТВ	1185
Aroclor 1242	< 0.033	0.033		mg/Kg	1.0	SW8082	8/18/08	8/21/08 22:49	TB	1185
Aroclor 1248	< 0.033	0.033		mg/Kg	1.0	SW8082	8/18/08	8/21/08 22:49	TB	1185
Aroclor 1254	< 0.033	0.033		mg/Kg	1.0	SW8082	8/18/08	8/21/08 22:49	ТВ	1185
Aroclor 1260	< 0.033	0.033		mg/Kg	1.0	SW8082	8/18/08	8/21/08 22:49	TB	1185
Decachlorobiphenyl(Surrogate)	106	31-165		%REC	1.0	SW8082	8/18/08	8/21/08 22:49	ТВ	1185
TCMX(Surrogate)	112	39-160		%REC	1.0	SW8082	8/18/08	8/21/08 22:49	TB	1185



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-03

Project Name:

Bond & Bond

Project Number: 48015

Client Sample ID: B-1-12'

Collection Date: 8/11/2008 10:25:00 AM

Analyte	Result	PQI	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Batch ID
		PR	EP METHOD:	SW3050B					Test Peri	ormed By: AZ013
Arsenic	<5.0	5.0		mg/Kg	1,0	SW6010B	8/19/08	8/22/08 19:28	MDD	1200
Barium	98	5.0		mg/Kg	1.0	SW6010B	8/19/08	8/22/08 19:28	MDD	1200
Cadmium	<1.0	1.0		mg/Kg	1.0	SW6010B	8/19/08	8/22/08 19:28	MDD	1200
Chromium	<5.0	5.0		mg/Kg	1.0	SW6010B	8/19/08	8/22/08 19:28	MDD	1200
Lead	5,0	5.0		mg/Kg	1.0	SW6010B	8/19/08	8/22/08 19:28	MDD	1200
Selenium	<5.0	5.0		mg/Kg	1.0	SW6010B	8/19/08	8/22/08 19:28	MDD	1200
Silver	<5.0	5.0		mg/Kg	1.0	SW6010B	8/19/08	8/22/08 19:28	MDD	1200
	A	PR	EP METHOD:	SW7471A		71.315			Test Perf	ormed By: AZ013
Mercury	<0.083	0.083		mg/Kg	1.0	SW7471A	8/19/08	8/20/08 16:00	BJL	1212
A CONTRACTOR OF THE CONTRACTOR		PR	EP METHOD:	8015AZR1					Test Perf	ormed By: AZM133
C10-C22 DRO	18000	300	D2	mg/Kg	10	8015AZ	8/11/08	8/11/08	MO I	VL6GC13080811
C22-C32 ORO	<1000	1000	D1	mg/Kg	10	8015AZ	8/11/08	8/11/08		WL6GC13080811
C10-C32 SRL	18000	1300	D1	mg/Kg	10	8015AZ	8/11/08	8/11/08		AL6GC13080811
o-Terphenyl(Surrogate)		70-130		%REC	10	8015AZ	8/11/08	8/11/08		ML6GC13080811
	,	PF	REP METHOD:	SW5035		V	THE PARTY OF THE P		Test Perfe	ormed By: AZM13:
Methyl tert-butyl ether	<4.0	4.0	D1	mg/Kg	20	SW8021B	8/11/08	8/11/08	MO I	#L6GC14080811
Benzene	<1.0	1.0	D1	mg/Kg	20	SW8021B	8/11/08	8/11/08	MO !	AL6GC14080811
Ethylbenzene	<2.0	2.0	D1	mg/Kg	20	SW8021B	8/11/08	8/11/08	MO I	AL6GC14080811
Foluene	<2.0	2.0	D1	mg/Kg	20	SW8021B	8/11/08	8/11/08	MO I	AL6GC14080811
Kylenes, total	<3.0	3.0	D1	mg/Kg	20	SW8021B	8/11/08	8/11/08	MO I	AL6GC14080811
TVFHC (C6-C10)	500	200	D2	mg/Kg	20	SW8021B	8/11/08	8/11/08	мо и	AL6GC14080811
Bromofluorobenzene(Surrogate)	1800	64-127	S10	%REC	20	SW8021B	8/11/08	8/11/08	MO I	AL6GC14080811
		PR	EP METHOD:	SW3545					Test Perfe	ormed By: AZ0133
Acenaphthene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
Acenaphthylene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
Anthracene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
Azobenzene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
enz[a]anthracene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
enzo[a]pyrene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
enzo[b]fluoranthene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
enzo[g,h,i]perylene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
lenzo[k]fluoranthene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
Benzoic acid	<25	25	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
Benzyl alcohol	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
Bis(2-chloroethoxy)methane	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JН	1195
Bis(2-chloroethyl)ether	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-03

Project Name:

Bond & Bond

Project Number: 48015

Client Sample ID: B-1-12'

Collection Date: 8/11/2008 10:25:00 AM

	-					Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Bis(2-chloroisopropyl)ether	<1.7	1.7	Đ1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
Bis(2-ethylhexyl)phthalate	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
4-Bromophenyl phenyl ether	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
Butyl benzyl phthalate	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
4-Chloro-3-methylphenol	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
4-Chloroaniline	<3.3	3.3	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
2-Chloronaphthalene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
2-Chlorophenol	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
4-Chlorophenyl phenyl ether	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
Chrysene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
Di-n-butyl phthalate	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
Di-n-octyl phthalate	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
Dibenz[a,h]anthracene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
Dibenzofuran	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
1,2-Dichlorobenzene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
1,3-Dichlorobenzene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
1,4-Dichlorobenzene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
3,3`-Dichlorobenzidine	<8.5	8.5	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
2,4-Dichlorophenol	<2.5	2.5	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
Diethyl phthalate	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
Dimethyl phthalate	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
2,4-Dimethylphenol	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
4,6-Dinitro-2-methylphenol	<10	10	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
2,4-Dinitrophenol	<10	10	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
2,4-Dinitrotoluene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
2,6-Dinitrotoluene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
Fluoranthene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
Fluorene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JН	1195
Hexachlorobenzene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
Hexachlorobutadiene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
Hexachlorocyclopentadiene	<10	10	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
Hexachloroethane	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
indeno[1,2,3-cd]pyrene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
Isophorone	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
2-Methylnaphthalene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
2-Methylphenol	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
4-Methylphenol	<2.5	2.5	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
N-Nitrosodi-n-propylamine	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
N-Nitrosodiphenylamine	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
Vaphthalene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
Nitrobenzene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
2-Nitrophenol	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
I-Nitrophenol	<10	10	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-03

Project Name:

Bond & Bond

Project Number: 48015

Client Sample ID: B-1-12'

Collection Date: 8/11/2008 10:25:00 AM

Analyte	Result	PQL	Onal	Timita	D.D.	Test	Date	Date		
			Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Pentachiorophenol	<3.4	3.4	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
Phenanthrene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
Phenol	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
Pyrene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
1,2,4-Trichlorobenzene	<2.5	2.5	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
2,4,6-Trichlorophenol	<2.5	2.5	D1	mg/Kg	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
2-Chlorophenol-d4(Surrogate)	69	25-108		%REC	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
1,2-Dichlorobenzene-d4(Surrogate)	70	18-106		%REC	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
2-Fluorobiphenyl(Surrogate)	50	22-111		%REC	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
2-Fluorophenol(Surrogate)	52	25-108		%REC	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
Nitrobenzene-d5(Surrogate)	78	24-108		%REC	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
Phenol-d6(Surrogate)	70	25-109		%REC	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
4-Terphenyl-d14(Surrogate)	35	19-116		%REC	5.0	SW8270C	8/19/08	8/26/08 2:50	JН	1195
2,4,6-Tribromophenol(Surrogate)	71	25-117		%REC	5.0	SW8270C	8/19/08	8/26/08 2:50	JH	1195
***************************************	***************************************	PREP ME	THOD: SW:	3545/SW3550B		······································	····	**************************************	Test Perfor	med By: AZ0133
Arocior 1016	<0.033	0.033		mg/Kg	0.99	SW8082	8/18/08	8/21/08 23:20	TB	1185
Aroclor 1221	< 0.099	0.099		mg/Kg	0.99	SW8082	8/18/08	8/21/08 23:20	ТВ	1185
Aroclor 1232	<0.066	0.066		mg/Kg	0.99	SW8082	8/18/08	8/21/08 23:20	TB	1185
Aroclor 1242	< 0.033	0.033		mg/Kg	0.99	SW8082	8/18/08	8/21/08 23:20	TB	1185
Aroclor 1248	< 0.033	0.033		mg/Kg	0.99	SW8082	8/18/08	8/21/08 23:20	ТВ	1185
Arodor 1254	<0.033	0.033		mg/Kg	0.99	SW8082	8/18/08	8/21/08 23:20	TB	1185
Arodor 1260	< 0.033	0.033		mg/Kg	0.99	SW8082	8/18/08	8/21/08 23:20	TB	1185
Decachlorobiphenyl(Surrogate)	89	31-165		%REC	0.99	SW8082	8/18/08	8/21/08 23:20	ТВ	1185
TCMX(Surrogate)	85	39-160		%REC	0.99	SW8082	8/18/08	8/21/08 23:20	TB	1185



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Client Sample ID: B-1-GW

Work Order:

08080174

Collection Date: 8/11/2008 11:10:00 AM

Lab ID:

08080174-04 Bond & Bond Matrix: Water

Project Name:

Project Number: 48015

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analy	st Batch ID
		PRE	P METHOD:	SW5030B	V.W1	W. V.			Test F	Performed By: AZ0133
Methyl tert-butyl ether	<4.0	4.0		μg/L	1.0	SW8021B	8/11/08	8/11/08	МО	ML6GC14080811B
Benzene	<1.0	1.0		µg/L	1.0	SW8021B	8/11/08	8/11/08	МО	ML6GC14080811B
Ethylbenzene	<2.0	2.0		μg/L	1.0	SW8021B	8/11/08	8/11/08	МО	ML6GC14080811B
Toluene	<2.0	2.0		μg/L	1.0	SW8021B	8/11/08	8/11/08	МО	ML6GC14080811B
Xylenes, total	3.3	3.0		μg/L	1.0	SW8021B	8/11/08	8/11/08	МО	ML6GC14080811B
TVFHC (C6-C10)	16000	10000	D2	μg/L	50	SW8021B	8/11/08	8/11/08	МО	ML6GC14080811B
Bromofluorobenzene(Surrogate)	135	70-130	S10	%REC	1.0	SW8021B	8/11/08	8/11/08	MO	ML6GC14080811B
And Additional actions and the second action of the second actions and the second action of t	- I - I - I - I - I - I - I - I - I - I	PREP M	IETHOD: SV	V3510C-MOD	***************************************		NI Police		Test P	erformed By: AZM133
C10-C22 DRO	28	3.0		mg/L	1.0	8015MOD	8/11/08	8/11/08	МО	ML6GC13080811B
C22-C32 ORO	<10	10		mg/L	1.0	8015MOD	8/11/08	8/11/08	МО	ML6GC13080811B
o-Terphenyl(Surrogate)	90	70-130		%REC	1.0	8015MOD	8/11/08	8/11/08	MO	ML6GC13080811B



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

Project Name:

08080174-05 Bond & Bond

Client Sample ID: B-2-5'

Collection Date: 8/11/2008 11:10:00 AM

Project	Number:	48015

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Amalyzat	Datah ID
			V				1 Tepared	Anaiyzed	Amaryst	Batch ID
		PREI	P METHOD:	SW3050B					Test Pen	ormed By: AZ0133
Arsenic	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 11:53	MDD	1226
Barium	74	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 11:53	MDD	1226
Cadmium	<1.0	1.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 11:53	MDD	1226
Chromium	< 5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 11:53	MDD	1226
Lead	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 11:53	MDD	1226
Selenium	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 11:53	MDD	1226
Silver	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 11:53	MDD	1226
4 data data data data data data data dat	****	PREF	METHOD:	SW7471A					Test Peri	ormed By: AZ0133
Mercury	<0.083	0.083		mg/Kg	1.0	SW7471A	8/19/08	8/20/08 16:19	BJL	1213
pp		PREP	METHOD:	8015AZR1				~~~	Test Perf	ormed By: AZM133
C10-C22 DRO	<30	30		mg/Kg	1.0	8015AZ	8/11/08	8/11/08	МО	VL6GC13080811
C22-C32 ORO	<100	100		mg/Kg	1.0	8015AZ	8/11/08	8/11/08		WL6GC13080811
C10-C32 SRL	<130	130		mg/Kg	1.0	8015AZ	8/11/08	8/11/08		VL6GC13080811
o-Terphenyl(Surrogate)	119	70-130		%REC	1.0	8015AZ	8/11/08	8/11/08		WL6GC13080811
		PRE	P METHOD:	SW5035					Test Perf	ormed By: AZM133
Methyl tert-butyl ether	<0.20	0.20		mg/Kg	1.0	SW8021B	8/11/08	8/11/08	MO I	ML6GC14080811
Benzene	< 0.050	0.050		mg/Kg	1.0	SW8021B	8/11/08	8/11/08		AL6GC14080811
Ethylbenzene	<0.10	0.10		mg/Kg	1.0	SW8021B	8/11/08	8/11/08		ML6GC14080811
Toluene	<0.10	0.10		mg/Kg	1.0	SW8021B	8/11/08	8/11/08		ML6GC14080811
Xylenes, total	<0.15	0.15		mg/Kg	1.0	SW8021B	8/11/08	8/11/08		AL6GC14080811
TVFHC (C6-C10)	<10	10		mg/Kg	1.0	SW8021B	8/11/08	8/11/08		ML6GC14080811
Bromofluorobenzene(Surrogate)	99	64-127		%REC	1.0	SW8021B	8/11/08	8/11/08		ML6GC14080811
	AMA/II/.	PREI	METHOD:	SW3545					Test Perf	ormed By: AZ0133
Acenaphthene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
Acenaphthylene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
Anthracene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
Azobenzene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
Benz[a]anthracene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
Benzo[a]pyrene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
Benzo[b]fluoranthene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
Benzo[g,h,i]perylene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
Benzo[k]fluoranthene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
Benzoic acid	<5.0	5.0		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
Benzyl alcohol	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
Bis(2-chloroethoxy)methane	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
Bis(2-chloroethyl)ether	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-05

Project Name:

Bond & Bond

Project Number: 48015

Client Sample ID: B-2-5'

Collection Date: 8/11/2008 11:10:00 AM

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Bis(2-chloroisopropyl)ether	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
Bis(2-ethylhexyl)phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
4-Bromophenyl phenyl ether	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
Butyl benzyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
4-Chloro-3-methylphenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
4-Chloroaniline	<0.66	0.66		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
2-Chloronaphthalene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
2-Chlorophenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
4-Chlorophenyl phenyl ether	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
Chrysene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
Di-n-butyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
Di-n-octyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
Dibenz[a,h]anthracene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
Dibenzofuran	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
1,2-Dichlorobenzene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
1,3-Dichlorobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
1,4-Dichlorobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
3,3`-Dichlorobenzidine	<1.7	1.7		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
2,4-Dichlorophenol	< 0.50	0.50		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
Diethyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
Dimethyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
2,4-Dimethylphenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
4,6-Dinitro-2-methylphenol	<2.0	2.0		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
2,4-Dinitrophenol	<2.0	2.0		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
2,4-Dinitrotoluene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
2,6-Dinitrotoluene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
-luoranthene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
Fluorene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
Hexachlorobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
Hexachlorobutadiene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
dexachlorocyclopentadiene	<2.0	2.0		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
Hexachloroethane	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
ndeno[1,2,3-cd]pyrene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
sophorone	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JН	1195
2-Methylnaphthalene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
?-Methylphenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
-Methylphenol	<0.50	0.50		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
N-Nitrosodi-n-propylamine	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
N-Nitrosodiphenylamine	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
Naphthalene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
Nitrobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
-Nitrophenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
-Nitrophenol	<2.0	2.0		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	jΗ	1195



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-05

Project Name:

Bond & Bond

Project Number: 48015

Client Sample ID: B-2-5'

Collection Date: 8/11/2008 11:10:00 AM

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Pentachlorophenol	< 0.67	0.67		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
Phenanthrene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
Phenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
Pyrene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
1,2,4-Trichlorobenzene	<0.50	0.50		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
2,4,6-Trichlorophenol	<0.50	0.50		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
2-Chlorophenol-d4(Surrogate)	71	25-108		%REC	1.0	SW8270C	8/19/08	8/22/08 17:49	JН	1195
1,2-Dichlorobenzene-d4(Surrogate)	62	18-106		%REC	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
2-Fluorobiphenyl(Surrogate)	60	22-111		%REC	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
2-Fluorophenol(Surrogate)	66	25-108		%REC	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
Nitrobenzene-d5(Surrogate)	71	24-108		%REC	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
Phenoi-d6(Surrogate)	73	25-109		%REC	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
4-Terphenyl-d14(Surrogate)	57	19-116		%REC	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
2,4,6-Tribromophenol(Surrogate)	78	25-117		%REC	1.0	SW8270C	8/19/08	8/22/08 17:49	JH	1195
		PREP ME	THOD: SW3	545/SW3550B		, A shallo			Test Perfor	med By: AZ0133
Aroclor 1016	<0.033	0.033		mg/Kg	0.99	SW8082	8/18/08	8/22/08 4:02	TB	1185
Aroclor 1221	< 0.099	0.099		mg/Kg	0.99	SW8082	8/18/08	8/22/08 4:02	TB	1185
Aroclor 1232	< 0.066	0.066		mg/Kg	0.99	SW8082	8/18/08	8/22/08 4:02	TB	1185
Aroclor 1242	< 0.033	0.033		mg/Kg	0.99	SW8082	8/18/08	8/22/08 4:02	ТВ	1185
Aroclor 1248	< 0.033	0.033		mg/Kg	0.99	SW8082	8/18/08	8/22/08 4:02	ТВ	1185
Aroclor 1254	< 0.033	0.033		mg/Kg	0.99	SW8082	8/18/08	8/22/08 4:02	ТВ	1185
Aroclor 1260	< 0.033	0.033		mg/Kg	0.99	SW8082	8/18/08	8/22/08 4:02	ТВ	1185
Decachlorobiphenyl(Surrogate)	69	31-165		%REC	0.99	SW8082	8/18/08	8/22/08 4:02	TB	1185
TCMX(Surrogate)	65	39-160		%REC	0.99	SW8082	8/18/08	8/22/08 4:02	TB	1185



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-06

Project Name:

Bond & Bond

Project Number: 48015

Client Sample ID: B-2-11'

Collection Date: 8/11/2008 11:15:00 AM

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	t Batch ID
		PRE	P METHOD:	SW3050B		out day.	1-		Test Per	formed By: AZ0133
Arsenic	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:05	MDD	1226
Barium	91	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:05	MDD	1226
Cadmium	<1.0	1.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:05	MDD	1226
Chromium	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:05	MDD	1226
Lead	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:05	MDD	1226
Selenium	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:05	MDD	1226
Silver	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:05	MDD	1226
7/8/4	1000 Ph	PRE	P METHOD:	SW7471A					Test Per	formed By: AZ0133
Mercury	<0.083	0.083		mg/Kg	1.0	SW7471A	8/19/08	8/20/08 16:02	BJL	1212
1,000,00		PREI	P METHOD:	8015AZR1					Test Perl	formed By: AZM133
C10-C22 DRO	<30	30		mg/Kg	1.0	8015AZ	8/11/08	8/11/08	МО	ML6GC13080811
C22-C32 ORO	<100	100		mg/Kg	1.0	8015AZ	8/11/08	8/11/08		ML6GC13080811
C10-C32 SRL	<130	130		mg/Kg	1.0	8015AZ	8/11/08	8/11/08		ML6GC13080811
o-Terphenyl(Surrogate)	99	70-130		%REC	1.0	8015AZ	8/11/08	8/11/08	МО	ML6GC13080811
		PRE	P METHOD:	SW5035	WHITE AND A SECOND		N/-/	W7-2	Test Perf	formed By: AZM133
Methyl tert-butyl ether	<0.20	0.20		mg/Kg	1.0	SW8021B	8/11/08	8/11/08	МО	ML6GC14080811
Benzene	<0.050	0.050		mg/Kg	1.0	SW8021B	8/11/08	8/11/08	МО	ML6GC14080811
Ethylbenzene	<0.10	0.10		mg/Kg	1.0	SW8021B	8/11/08	8/11/08	МО	ML6GC14080811
Toluene	<0.10	0.10		mg/Kg	1.0	SW8021B	8/11/08	8/11/08	MO	ML6GC14080811
Xylenes, total	<0.15	0.15		mg/Kg	1.0	SW8021B	8/11/08	8/11/08	МО	ML6GC14080811
TVFHC (C6-C10)	<10	10		mg/Kg	1.0	SW8021B	8/11/08	8/11/08	МО	ML6GC14080811
Bromofluorobenzene(Surrogate)	97	64-127		%REC	1.0	SW8021B	8/11/08	8/11/08	MO	ML6GC14080811
		PRE	P METHOD:	SW3545					Test Perf	formed By: AZ0133
Acenaphthene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
Acenaphthylene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
Anthracene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
Azobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
Benz[a]anthracene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
Benzo[a]pyrene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
Benzo[b]fluoranthene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
Benzo[g,h,i]perylene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
Benzo[k]fluoranthene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
Benzoic acid	<5.0	5.0		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
Benzyl alcohol	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
Bis(2-chloroethoxy)methane	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JH -	1195
Bis(2-chloroethyl)ether	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195



Collection Date: 8/11/2008 11:15:00 AM

License No. AZM133/AZ0133

CLIENT: Work Order:

Bristol Environmental & Engineering

08080174

Lab ID:

08080174-06

Project

Project Number: 48015

Matrix: Soil

Client Sample ID: B-2-11'

|--|

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Bis(2-chloroisopropyl)ether	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
Bis(2-ethylhexyl)phthalate	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
4-Bromophenyl phenyl ether	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
Butyl benzyl phthalate	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
4-Chloro-3-methylphenol	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
4-Chloroaniline	<0.66	0.66		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
2-Chloronaphthalene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
2-Chlorophenol	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
4-Chlorophenyl phenyl ether	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
Chrysene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
Di-n-butyl phthalate	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
Di-n-octyl phthalate	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
Dibenz[a,h]anthracene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
Dibenzofuran	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
1,2-Dichlorobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
1,3-Dichlorobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
1,4-Dichlorobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
3,3`-Dichlorobenzidine	<1.7	1.7		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
2,4-Dichlorophenol	<0.50	0.50		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
Diethyl phthalate	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
Dimethyl phthalate	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
2,4-Dimethylphenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
4,6-Dinitro-2-methylphenol	<2.0	2.0		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
2,4-Dinitrophenol	<2.0	2.0		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
2,4-Dinitrotoluene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
2,6-Dinitrotoluene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
Fluoranthene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
Fluorene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
Hexachlorobenzene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
Hexachlorobutadiene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
Hexachlorocyclopentadiene	<2.0	2.0		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
Hexachloroethane	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
Indeno[1,2,3-cd]pyrene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
Isophorone	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
2-Methylnaphthalene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
2-Methylphenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
4-Methylphenol	<0.50	0.50		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
N-Nitrosodí-n-propylamine	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JН	1195
N-Nitrosodiphenylamine	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
Naphthalene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
Nitrobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
2-Nitrophenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
4-Nitrophenol	<2.0	2.0		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-06

Project Name:

Bond & Bond

Project Number: 48015

Client Sample ID: B-2-11'

Collection Date: 8/11/2008 11:15:00 AM

						Test	Date	Date		***************************************
Analyte	Result	PQL	Qual	Units	DF	Cođe	Prepared	Analyzed	Analyst	Batch ID
Pentachlorophenol	<0.67	0.67		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
Phenanthrene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
Phenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
Pyrene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
1,2,4-Trichlorobenzene	< 0.50	0.50		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
2,4,6-Trichlorophenol	< 0.50	0.50		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 18:41	jН	1195
2-Chlorophenol-d4(Surrogate)	72	25-108		%REC	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
1,2-Dichlorobenzene-d4(Surrogate)	66	18-106		%REC	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
2-Fluorobiphenyl(Surrogate)	53	22-111		%REC	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
2-Fluorophenol(Surrogate)	66	25-108		%REC	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
Nitrobenzene-d5(Surrogate)	73	24-108		%REC	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
Phenol-d6(Surrogate)	74	25-109		%REC	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
4-Terphenyl-d14(Surrogate)	32	19-116		%REC	1.0	SW8270C	8/19/08	8/22/08 18:41	јН	1195
2,4,6-Tribromophenol(Surrogate)	80	25-117		%REC	1.0	SW8270C	8/19/08	8/22/08 18:41	JH	1195
		PREP ME	THOD: SW	3545/SW3550B		A*************************************		00° 1 mar - 10° 10° 10° 10° 10° 10° 10° 10° 10° 10°	Test Perfor	med By: AZ0133
Aroclor 1016	<0.034	0.034		mg/Kg	1.0	SW8082	8/18/08	8/22/08 4:33	TB	1185
Aroclor 1221	<0.10	0.10		mg/Kg	1.0	SW8082	8/18/08	8/22/08 4:33	TB	1185
Arocior 1232	< 0.067	0.067		mg/Kg	1.0	SW8082	8/18/08	8/22/08 4:33	TB	1185
Aroclor 1242	< 0.034	0.034		mg/Kg	1.0	SW8082	8/18/08	8/22/08 4:33	TB	1185
Aroclor 1248	< 0.034	0.034		mg/Kg	1.0	SW8082	8/18/08	8/22/08 4:33	ТВ	1185
Arocior 1254	< 0.034	0.034		mg/Kg	1.0	SW8082	8/18/08	8/22/08 4:33	TB	1185
Aroclor 1260	< 0.034	0.034		mg/Kg	1.0	SW8082	8/18/08	8/22/08 4:33	TB	1185
Decachlorobiphenyl(Surrogate)	102	31-165		%REC	1.0	SW8082	8/18/08	8/22/08 4:33	ТВ	1185
TCMX(Surrogate)	103	39-160		%REC	1.0	SW8082	8/18/08	8/22/08 4:33	TB	1185



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-07

Project Name:

Bond & Bond

Project Number: 48015

Client Sample ID: B-2-1.5'

Collection Date: 8/11/2008 11:05:00 AM

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date	Date	A 1	TO 1 T-
	T C Still	1 42	- Vaar	Omis	1/1	Code	Prepared	Analyzed	Anaiyst	Batch ID
		PRE	P METHOD:	SW3050B			***************************************	2000 100	Test Peri	ormed By: AZ013:
Arsenic	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:08	MDD	1226
Barium	37	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:08	MDD	1226
Cadmium	<1.0	1.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:08	MDD	1226
Chromium	9.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:08	MDD	1226
Lead	6.3	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:08	MDD	1226
Selenium	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:08	MDD	1226
Silver	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:08	MDD	1226
MA	TV-P-styl*cohyte	PRE	P METHOD:	SW7471A					Test Perf	ormed By: AZ0133
Mercury	<0.083	0.083		mg/Kg	1.0	SW7471A	8/19/08	8/20/08 16:03	BJL	1212
		PRE	P METHOD:	8015AZR1		~~~		***************************************	Test Perfe	ormed By: AZM13:
C10-C22 DRO	<30	30		mg/Kg	1.0	8015AZ	8/11/08	8/11/08	MO I	VL6GC13080811
C22-C32 ORO	<100	100		mg/Kg	1.0	8015AZ	8/11/08	8/11/08		ML6GC13080811
C10-C32 SRL	<130	130		mg/Kg	1.0	8015AZ	8/11/08	8/11/08		VL6GC13080811
o-Terphenyl(Surrogate)	95	70-130		%REC	1.0	8015AZ	8/11/08	8/11/08		VL6GC13080811
1,000		PRE	P METHOD:	SW5035					Test Perfe	ormed By: AZM133
Methyl tert-butyl ether	<0.20	0.20		mg/Kg	1.0	SW8021B	8/11/08	8/11/08	MO 1	ML6GC14080811
Benzene	< 0.050	0.050		mg/Kg	1.0	SW8021B	8/11/08	8/11/08		AL6GC14080811
Ethylbenzene	<0.10	0.10		mg/Kg	1.0	SW8021B	8/11/08	8/11/08		AL6GC14080811
Toluene	<0.10	0.10		mg/Kg	1.0	SW8021B	8/11/08	8/11/08		/L6GC14080811
Xylenes, total	<0.15	0.15		mg/Kg	1.0	SW8021B	8/11/08	8/11/08		#L6GC14080811
TVFHC (C6-C10)	<10	10		mg/Kg	1.0	SW8021B	8/11/08	8/11/08		AL6GC14080811
Bromofluorobenzene(Surrogate)	101	64-127		%REC	1.0	SW8021B	8/11/08	8/11/08	MO N	/L6GC14080811
1111-7-7-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	71977-04-04-1A-N-	PRE	P METHOD:	SW3545					Test Perfe	ormed By: AZ0133
Acenaphthene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 19:33	JH	1195
Acenaphthylene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 19:33	JH	1195
Anthracene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 19:33	JH	1195
Azobenzene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 19:33	JH	1195
Benz[a]anthracene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 19:33	JH	1195
Benzo[a]pyrene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 19:33	JH	1195
Benzo[b]fluoranthene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 19:33	JH	1195
Benzo[g,h,i]perylene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 19:33	JH	1195
Benzo[k]fluoranthene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 19:33	JH	1195
Benzoic acid	<5.0	5.0		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 19:33	JH	1195
Benzyl alcohol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 19:33	JH	1195
Bis(2-chloroethoxy)methane	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 19:33	JH	1195
Bis(2-chloroethyl)ether	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 19:33	JH	1195



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-07

Project Name:

Bond & Bond

Project Number: 48015

Client Sample ID: B-2-1.5'

Edit Sumple ID: D 2 1.5

Collection Date: 8/11/2008 11:05:00 AM

Analyse Result PQL Qual Units DP Code Prepare Analyse Analyse Analyse Analyse Bis2-chinosopropylether 0.33 0.33 mg/kg 1.0 SwiZro 61908 82201 1933 JH 1196							Test	Date	Date		
BaCC-entylexylphethylaten	Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
A-Bromopherny Inhanistes 0.33 0.33 mg/Kg 1.0 SN6270C 81930 82208 19.35 JH 1195	Bis(2-chloroisopropyl)ether	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 19:33	JH	1195
Buty benzy phthalate	Bis(2-ethylhexyl)phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 19:33	JH	1195
Buly brancy plathalates	4-Bromophenyl phenyl ether	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 19:33	JH	1195
A-Chioroaniline	Butyl benzyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 19:33	JH	1195
4-Chlororaphenalene 4-,968 0.66 mg/Kg 1.0 swezroc 81208 822081 933 J.H 1195 2-Chlororaphenalena 4-33 0.33 mg/Kg 1.0 swezroc 81908 82208 1933 J.H 1195 2-Chlororaphenol 4-0.33 0.33 mg/Kg 1.0 swezroc 81908 82208 1933 J.H 1195 4-Chlorophenyl phenyl ether 40.33 0.33 mg/Kg 1.0 swezroc 81908 82208 1933 J.H 1195 Di-n-dufyl phthalate 40.33 0.33 mg/Kg 1.0 swezroc 81908 82208 1933 J.H 1195 Di-n-dufyl phthalate 40.33 0.33 mg/Kg 1.0 swezroc 81908 82208 1933 J.H 1195 Di-n-dufyl phthalate 40.33 0.33 mg/Kg 1.0 swezroc 81908 82208 1933 J.H 1195 1-2-Chilorophenzder 40.33 0.33 mg/Kg 1.0 swezroc 81908	4-Chloro-3-methylphenol	< 0.33	0.33			1.0	SW8270C	8/19/08	8/22/08 19:33		1195
2-Chioropaphraleme 43.3 0.33 mg/Kg 1.0 SNR27CC 8°1908 8°2208 1933 JH 1198 2-Chiorophenol 40.33 0.33 mg/Kg 1.0 SNR27CC 8°1908 8°2208 1933 JH 1198 Chrysne 40.33 0.33 mg/Kg 1.0 SNR27CC 8°1808 8°2208 1933 JH 1198 Chrysne 40.33 0.33 mg/Kg 1.0 SNR27CC 8°1808 8°2208 1933 JH 1198 Dh-notyl phthalate 40.33 0.33 mg/Kg 1.0 SNR27CC 8°1808 8°2208 1933 JH 1195 DheraChland 40.33 0.33 mg/Kg 1.0 SNR27CC 8°1808 8°2208 1933 JH 1195 1.2-Dichlorobertzene 40.33 0.33 mg/Kg 1.0 SNR27CC 8°1808 8°2208 1933 JH 1195 1.2-Dichlorobertzene 40.33 0.33 mg/Kg 1.0 SNR27CC 8°1808 8°2208 1933 J	4-Chłoroaniline	< 0.66	0.66			1.0	SW8270C	8/19/08	8/22/08 19:33		1195
2-Chiorophenol -Q.33 0.33 mg/Kg 1.0 SWR2TCC 81900 82206 19.33 UH 1195 4-Chiorophenyl phenyl ether -Q.33 0.33 mg/Kg 1.0 SWR2TCC 81900 82206 19.33 UH 1195 Chryshee -Q.33 0.33 mg/Kg 1.0 SWR2TCC 81908 82206 19.33 UH 1195 Dis-octyl phthalate -Q.33 0.33 mg/Kg 1.0 SWR2TCC 81908 82206 19.33 UH 1195 Diberacy hiphathraene -Q.33 0.33 mg/Kg 1.0 SWR2TCC 81908 82206 19.33 UH 1195 Diberacy hiphathraene -Q.33 0.33 mg/Kg 1.0 SWR2TCC 81908 82206 19.33 UH 1195 1.4-Dichloroberace -Q.33 0.33 mg/Kg 1.0 SWR2TCC 81908 82206 19.33 UH 1195 1.4-Dichloroberace -Q.33 0.33 mg/Kg 1.0 SWR2TCC 81908 82206	2-Chloronaphthalene	< 0.33	0.33			1.0	SW8270C	8/19/08	8/22/08 19:33		1195
Chysene 40.33 0.33 mg/Kg 1.0 SW827DC 81908 82208 1833 J.H 1186 Di-n-budy inithalate 40.33 0.33 mg/Kg 1.0 SW827DC 81908 82208 1833 J.H 1195 Dibenz/a hjanthracene 40.33 0.33 mg/Kg 1.0 SW827DC 81908 82208 1833 J.H 1195 Dibenz/a hjanthracene 40.33 0.33 mg/Kg 1.0 SW827DC 81908 82208 1833 J.H 1195 1.3-Dichlorobenzene 40.33 0.33 mg/Kg 1.0 SW827DC 81908 82208 1933 J.H 1195 1.3-Dichlorobenzene 40.33 0.33 mg/Kg 1.0 SW827DC 81908 82208 1933 J.H 1195 1.4-Dichlorobenzene 40.33 0.33 mg/Kg 1.0 SW827DC 81908 82208 1933 J.H 1195 2.4-Dichlorobenzene 40.50 0.50 mg/Kg 1.0 SW827DC 81908 82208 19	2-Chlorophenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 19:33	JH	1195
Di-n-buly phthalate	4-Chiorophenyl phenyl ether	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 19:33	JH	1195
Di-noctyl pithaliate	Chrysene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 19:33	JH	1195
Dibenz/a, I)anthracene <0.33 0.33 mg/Kg 1.0 SW8270C 81908 82208 19:33 JH 1196 Dibenzoluran <0.33 0.33 mg/Kg 1.0 SW8270C 81908 82208 19:33 JH 1196 1.2-Dichlorobenzene <0.33 0.33 mg/Kg 1.0 SW8270C 81908 82208 19:33 JH 1195 1.4-Dichlorobenzene <0.33 0.33 mg/Kg 1.0 SW8270C 81908 82208 19:33 JH 1195 1.4-Dichlorobenzene <0.33 0.33 mg/Kg 1.0 SW8270C 81908 82208 19:33 JH 1195 2.4-Dichlorobenzidire <1.7 mg/Kg 1.0 SW8270C 81908 82208 19:33 JH 1195 2.4-Dichlorobenzidire <0.33 0.33 mg/Kg 1.0 SW8270C 81908 82208 19:33 JH 1195 2.4-Dichlorobenzidire <0.33 0.33 mg/Kg 1.0 SW8270C 81908 82208 19:33	Di-n-butyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 19:33	JH	1195
Dibenzofuran	Di-n-octyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 19:33	JH	1195
1.2-Dichlorobenzene	Dibenz[a,h]anthracene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 19:33	JH	1195
1.3-Dichlorobenzene	Dibenzofuran	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 19:33	JH	1195
1.4-Dichlorobenzene	1,2-Dichlorobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 19:33	JH	1195
3.3 - Dichlorobenzidine 41.7 1.7 mg/Kg 1.0 SW8270C 81908 82208 19.33 J.H 1195 2.4 - Dichlorophenol <0.50	1,3-Dichlorobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 19:33	JH	1195
2.4-Dichlorophenol 0.50 0.50 mg/Kg 1.0 SW8270C 81908 82208 19:33 JH 1195 Diethyl phthalate 0.33 0.33 mg/Kg 1.0 SW8270C 81908 8/2208 19:33 JH 1195 Dimethyl phthalate 0.03 0.33 mg/Kg 1.0 SW8270C 81908 8/2208 19:33 JH 1195 2.4-Dimitrylphenol 0.03 0.33 mg/Kg 1.0 SW8270C 81908 8/2208 19:33 JH 1195 2.4-Dimitrylphenol <0.0	1,4-Dichlorobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 19:33	JH	1195
Diethyl phthalate	3,3`-Dichlorobenzidine	<1.7	1.7		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 19:33	JH	1195
Dimethyl phthalate	2,4-Dichlorophenol	< 0.50	0.50		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 19:33	JH	1195
2.4-Dimethylphenol <0.33 0.33 ng/Kg 1.0 SW8270C 8/1908 8/2208 19:33 JH 1195 4.6-Dinitro-2-methylphenol <2.0 2.0 mg/Kg 1.0 SW8270C 8/1908 8/2208 19:33 JH 1195 2.4-Dinitrophenol <2.0 2.0 mg/Kg 1.0 SW8270C 8/1908 8/2208 19:33 JH 1195 2.4-Dinitrophenol <2.0 2.0 mg/Kg 1.0 SW8270C 8/1908 8/2208 19:33 JH 1195 2.4-Dinitrophenol <2.03 0.33 mg/Kg 1.0 SW8270C 8/1908 8/2208 19:33 JH 1195 2.4-Dinitrophenol <0.33 0.33 mg/Kg 1.0 SW8270C 8/1908 8/2208 19:33 JH 1195 2.4-Dinitrophenol <0.33 0.33 mg/Kg 1.0 SW8270C 8/1908 8/2208 19:33 JH 1195 1-4-Dinitrophenol <0.33 0.33 mg/Kg 1.0 SW8270C 8/1908 <t< td=""><td>Diethyl phthalate</td><td>< 0.33</td><td>0.33</td><td></td><td>mg/Kg</td><td>1.0</td><td>SW8270C</td><td>8/19/08</td><td>8/22/08 19:33</td><td>JH</td><td>1195</td></t<>	Diethyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 19:33	JH	1195
4,6-Dinitro-2-methylphenol	Dimethyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 19:33	JH	1195
2.4-Dinitrophenol <2.0 mg/Kg 1.0 SW8270C 8/19/08 8/22/08 19:33 JH 1195 2.4-Dinitrotoluene <0.33 0.33 mg/Kg 1.0 SW8270C 8/19/08 8/22/08 19:33 JH 1195 2.6-Dinitrotoluene <0.33 0.33 mg/Kg 1.0 SW8270C 8/19/08 8/22/08 19:33 JH 1195 Fluoranthene <0.33 0.33 mg/Kg 1.0 SW8270C 8/19/08 8/22/08 19:33 JH 1195 Fluoranthene <0.33 0.33 mg/Kg 1.0 SW8270C 8/19/08 8/22/08 19:33 JH 1195 Fluoranthene <0.33 0.33 mg/Kg 1.0 SW8270C 8/19/08 8/22/08 19:33 JH 1195 Fluoranthene <0.33 0.33 mg/Kg 1.0 SW8270C 8/19/08 8/22/08 19:33 JH 1195 Hexachlorobenzene <0.33 0.33 mg/Kg 1.0 SW8270C 8/19/08 8/22/08 19:33 <	2,4-Dimethylphenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 19:33	JH	1195
2.4-Dinitrotoluene <0.33 0.33 mg/Kg 1.0 SW8270C 8/19/08 8/12/08 19:33 JH 1195 2.6-Dinitrotoluene <0.33	4,6-Dinitro-2-methylphenol	<2.0	2.0		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 19:33	JH	1195
2.6-Dinitrotoluene <0.33 0.33 ng/Kg 1.0 SW8270C 8/19/08 8/22/08 19:33 JH 1195 Fluoranthene <0.33 0.33 ng/Kg 1.0 SW8270C 8/19/08 8/22/08 19:33 JH 1195 Fluoranthene <0.33 0.33 ng/Kg 1.0 SW8270C 8/19/08 8/22/08 19:33 JH 1195 Fluoranthene <0.33 0.33 ng/Kg 1.0 SW8270C 8/19/08 8/22/08 19:33 JH 1195 Hexachlorobenzene <0.33 0.33 ng/Kg 1.0 SW8270C 8/19/08 8/22/08 19:33 JH 1195 Hexachlorobutadiene <0.33 0.33 ng/Kg 1.0 SW8270C 8/19/08 8/22/08 19:33 JH 1195 Hexachlorobutadiene <0.03 0.33 0.33 mg/Kg 1.0 SW8270C 8/19/08 8/22/08 19:33 JH 1195 Hexachlorobutadiene <0.03 0.33 0.33 mg/Kg 1.0 S	2,4-Dinitrophenol	<2.0	2.0		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 19:33	JH	1195
Fluoranthene <0.33 0.33 mg/Kg 1.0 SW8270C 8/19/08 8/22/08 19:33 JH 1195 Fluorene <0.33 0.33 mg/Kg 1.0 SW8270C 8/19/08 8/22/08 19:33 JH 1195 Hexachlorobenzene <0.33 0.33 mg/Kg 1.0 SW8270C 8/19/08 8/22/08 19:33 JH 1195 Hexachlorobutadiene <0.33 0.33 mg/Kg 1.0 SW8270C 8/19/08 8/22/08 19:33 JH 1195 Hexachlorobutadiene <0.33 0.33 mg/Kg 1.0 SW8270C 8/19/08 8/22/08 19:33 JH 1195 Hexachlorobutadiene <0.33 0.33 mg/Kg 1.0 SW8270C 8/19/08 8/22/08 19:33 JH 1195 Hexachlorobutadiene <0.33 0.33 mg/Kg 1.0 SW8270C 8/19/08 8/22/08 19:33 JH 1195 Hexachlorobutadiene <0.33 0.33 mg/Kg 1.0 SW8270C 8/19/08	2,4-Dinitrotoluene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 19:33	JH	1195
Fluorene	2,6-Dinitrotoluene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 19:33	JH	1195
Hexachlorobenzene	Fluoranthene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 19:33	JH	1195
Hexachlorobenzene <0.33 0.33 mg/Kg 1.0 SW8270C 8/19/08 8/12/08 19:33 JH 1195 Hexachlorobutadiene <0.33	Fluorene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 19:33	JH	1195
Hexachlorocyclopentadiene <2.0 2.0 mg/Kg 1.0 SW8270C 8/19/08 8/22/08 19:33 JH 1195 Hexachlorocthane <0.33	Hexachlorobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 19:33		1195
Hexachloroethane <0.33 0.33 mg/Kg 1.0 SW8270C 8/19/08 8/22/08 19:33 JH 1195 Indeno[1,2,3-cd]pyrene <0.33	Hexachlorobutadiene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 19:33	JH	1195
Indeno[1,2,3-cd]pyrene	Hexachlorocyclopentadiene	<2.0	2.0		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 19:33	JH	1195
Isophorone	Hexachloroethane	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 19:33	JH	1195
2-Methylnaphthalene <0.33	Indeno[1,2,3-cd]pyrene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 19:33	JH	1195
2-Methylphenol <0.33	Isophorone	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 19:33	JH	1195
4-Methylphenol <0.50	2-Methylnaphthalene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 19:33	JH	1195
N-Nitrosodi-n-propylamine	2-Methylphenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 19:33	JH	1195
N-Nitrosodi-n-propylamine	4-Methylphenol	< 0.50	0.50		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 19:33		1195
N-Nitrosodiphenylamine <0.33 0.33 mg/Kg 1.0 SW8270C 8/19/08 8/22/08 19:33 JH 1195 Naphthalene <0.33 0.33 mg/Kg 1.0 SW8270C 8/19/08 8/22/08 19:33 JH 1195 Nitrobenzene <0.33 0.33 mg/Kg 1.0 SW8270C 8/19/08 8/22/08 19:33 JH 1195 2-Nitrophenol <0.33 0.33 mg/Kg 1.0 SW8270C 8/19/08 8/22/08 19:33 JH 1195	N-Nitrosodi-n-propylamine	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 19:33		1195
Naphthalene <0.33 0.33 mg/Kg 1.0 SW8270C 8/19/08 8/22/08 19:33 JH 1195 Nitrobenzene <0.33	N-Nitrosodiphenylamine	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 19:33		1195
2-Nitrophenol <0.33 0.33 mg/Kg 1.0 SW8270C 8/19/08 8/22/08 19:33 JH 1195	Naphthalene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 19:33	JH	1195
2-Nitrophenol <0.33 0.33 mg/Kg 1.0 SW8270C 8/19/08 8/22/08 19:33 JH 1195	Nitrobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 19:33		1195
	2-Nitrophenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 19:33		1195
	4-Nitrophenol	<2.0	2.0		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 19:33		



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-07

Project Name:

Bond & Bond

Project Number: 48015

Client Sample ID: B-2-1.5'

Collection Date: 8/11/2008 11:05:00 AM

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date	Date	A1	T) / 1 XY
	***************************************		Quai	· · · · · · · · · · · · · · · · · · ·			Prepared	Analyzed	Analyst	Batch ID
Pentachlorophenol	<0.67	0.67		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 19:33	JH	1195
Phenanthrene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 19:33	JH	1195
Phenol	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 19:33	JH	1195
Pyrene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 19:33	JH	1195
1,2,4-Trichlorobenzene	<0.50	0.50		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 19:33	JH	1195
2,4,6-Trichlorophenol	< 0.50	0.50		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 19:33	JH	1195
2-Chlorophenol-d4(Surrogate)	69	25-108		%REC	1.0	SW8270C	8/19/08	8/22/08 19:33	JH	1195
1,2-Dichlorobenzene-d4(Surrogate)	65	18-106		%REC	1.0	SW8270C	8/19/08	8/22/08 19:33	JH	1195
2-Fluorobiphenyl(Surrogate)	57	22-111		%REC	1.0	SW8270C	8/19/08	8/22/08 19:33	ĴΗ	1195
2-Fluorophenol(Surrogate)	65	25-108		%REC	1.0	SW8270C	8/19/08	8/22/08 19:33	JH	1195
Nitrobenzene-d5(Surrogate)	68	24-108		%REC	1.0	SW8270C	8/19/08	8/22/08 19:33	JH	1195
Phenol-d6(Surrogate)	71	25-109		%REC	1.0	SW8270C	8/19/08	8/22/08 19:33	JH	1195
4-Terphenyl-d14(Surrogate)	61	19-116		%REC	1.0	SW8270C	8/19/08	8/22/08 19:33	JH	1195
2,4,6-Tribromophenol(Surrogate)	76	25-117		%REC	1.0	SW8270C	8/19/08	8/22/08 19:33	JH	1195
1,0000111		PREP ME	THOD: SW3	545/SW3550B					Test Perfor	med By: AZ0133
Aroclor 1016	<0.033	0.033		mg/Kg	0.99	SW8082	8/18/08	8/22/08 5:04	TB	1185
Arodor 1221	< 0.099	0.099		mg/Kg	0.99	SW8082	8/18/08	8/22/08 5:04	TB	1185
Aroclor 1232	< 0.066	0.066		mg/Kg	0.99	SW8082	8/18/08	8/22/08 5:04	TB	1185
Aroclor 1242	< 0.033	0.033		mg/Kg	0.99	SW8082	8/18/08	8/22/08 5:04	TB	1185
Aroclor 1248	< 0.033	0.033		mg/Kg	0.99	SW8082	8/18/08	8/22/08 5:04	TB	1185
Arodor 1254	< 0.033	0.033		mg/Kg	0.99	SW8082	8/18/08	8/22/08 5:04	ТВ	1185
Aroclor 1260	< 0.033	0.033		mg/Kg	0.99	SW8082	8/18/08	8/22/08 5:04	ТВ	1185
Decachlorobiphenyl(Surrogate)	97	31-165		%REC	0.99	SW8082	8/18/08	8/22/08 5:04	TB	1185
TCMX(Surrogate)	93	39-160		%REC	0.99	SW8082	8/18/08	8/22/08 5:04	TB	1185



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-08

Project Name:

Bond & Bond

Project Number: 48015

Client Sample ID: B-2-GW

Collection Date: 8/11/2008 12:25:00 PM

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analys	st Batch ID
		PREI	P METHOD:	SW5030B					Test Pe	erformed By: AZ0133
Methyl tert-butyl ether	<80	80	D1	μg/L	20	SW8021B	8/11/08	8/11/08	MO	ML6GC14080811B
Benzene	<20	20	D1	μg/L	20	SW8021B	8/11/08	8/11/08	МО	ML6GC14080811B
Ethylbenzene	<40	40	D1	μg/L	20	SW8021B	8/11/08	8/11/08	МО	ML6GC14080811B
Toluene	<40	40	D1	μg/L	20	SW8021B	8/11/08	8/11/08	MO	ML6GC14080811B
Xylenes, total	<60	60	D1	μg/L	20	SW8021B	8/11/08	8/11/08	МО	ML6GC14080811B
TVFHC (C6-C10)	23000	10000	D2	µg/L	50	SW8021B	8/11/08	8/11/08	MO	ML6GC14080811B
Bromofluorobenzene(Surrogate)	116	70-130		%REC	20	SW8021B	8/11/08	8/11/08	МО	ML6GC14080811B
		PREP M	ETHOD: SVI	/3510C-MOD			77, CETTER / PR. / PR. /		Test Pe	rformed By: AZM133
C10-C22 DRO	5.2	3.0		mg/L	1.0	8015MOD	8/11/08	8/11/08	МО	ML6GC13080811B
C22-C32 ORO	<10	10		mg/L	1.0	8015MOD	8/11/08	8/11/08	МО	ML6GC13080811B
o-Terphenyl(Surrogate)	91	70-130		%REC	1.0	8015MOD	8/11/08	8/11/08	МО	ML6GC13080811B



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-09

Project Name:

Bond & Bond

Project Number: 48015

Client Sample ID: B-3-GW

Collection Date: 8/11/2008 12:40:00 PM

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analy	st Batch ID
		PREI	P METHOD:	SW5030B	· · · · · · · · · · · · · · · · · · ·				Test P	erformed By: AZ0133
Methyl tert-butyl ether	<200	200	D1	μg/L	50	SW8021B	8/11/08	8/11/08	МО	ML6GC14080811B
Benzene	<50	50	D1	μg/L	50	SW8021B	8/11/08	8/11/08	МО	ML6GC14080811B
Ethylbenzene	<100	100	D1	μg/L	50	SW8021B	8/11/08	8/11/08	МО	ML6GC14080811B
Toluene	<100	100	D1	μg/L	50	SW8021B	8/11/08	8/11/08	MO	ML6GC14080811B
Xylenes, total	<150	150	D1	μg/L	50	SW8021B	8/11/08	8/11/08	МО	ML6GC14080811B
TVFHC (C6-C10)	16000	10000	D2	μg/L	50	SW8021B	8/11/08	8/11/08	МО	ML6GC14080811B
Bromofluorobenzene(Surrogate)	113	70-130		%REC	50	SW8021B	8/11/08	8/11/08	МО	ML6GC14080811B
WAS A STATE OF THE	WWW-1112	PREP M	ETHOD: SVI	/3510C-MOD		**************************************	7,7/104		Test Pe	rformed By: AZM133
C10-C22 DRO	<3.0	3.0		mg/L	1.0	8015MOD	8/11/08	8/11/08	МО	ML6GC13080811B
C22-C32 ORO	<10	10		mg/L	1.0	8015MOD	8/11/08	8/11/08	MO	ML6GC13080811B
o-Terphenyl(Surrogate)	93	70-130		%REC	1.0	8015MOD	8/11/08	8/11/08	MO	ML6GC13080811B



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-10

Project Name:

Bond & Bond

Project Number: 48015

Client Sample ID: B-3-11.5

Collection Date: 8/11/2008 12:30:00 PM

Analyte	Result	PQL	Qual Unit	s DF	Test Code	Date Prepared	Date Analyzed	Analye	t Batch ID
						rrepured	z Bluryzed	Atlatysi	Datch ID
		PRI	EP METHOD: SW3050B					Test Per	formed By: AZ0133
Arsenic	<5.0	5.0	mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:12	MDD	1226
Barium	230	5.0	mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:12	MDD	1226
Cadmium	<1.0	1.0	mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:12	MDD	1226
Chromium	<5.0	5.0	mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:12	MDD	1226
Lead	<5.0	5.0	mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:12	MDD	1226
Selenium	<5.0	5.0	mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:12	MDD	1226
Silver	<5.0	5.0	mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:12	MDD	1226
4,4,4,4		PRE	P METHOD: SW7471A			The state of the s		Test Per	formed By: AZ0133
Mercury	<0.083	0.083	mg/Kg	1.0	SW7471A	8/19/08	8/20/08 16:08	BJL	1212
		PRE	P METHOD: 8015AZR1					Test Peri	ormed By: AZM133
C10-C22 DRO	<30	30	mg/Kg	1.0	8015AZ	8/11/08	8/11/08	МО	ML6GC13080811
C22-C32 ORO	<100	100	mg/Kg	1.0	8015AZ	8/11/08	8/11/08		ML6GC13080811
C10-C32 SRL	<130	130	mg/Kg	1.0	8015AZ	8/11/08	8/11/08		ML6GC13080811
o-Terphenyl(Surrogate)	100	70-130	%REC	1.0	8015AZ	8/11/08	8/11/08		ML6GC13080811
	70000 HISBHIA A	PR	EP METHOD: SW5035					Test Perf	formed By: AZM133
Methyl tert-butyl ether	<0.20	0.20	mg/Kg	1.0	SW8021B	8/11/08	8/11/08	MO	ML6GC14080811
Benzene	<0.050	0.050	mg/Kg	1.0	SW8021B	8/11/08	8/11/08	МО	ML6GC14080811
Ethylbenzene	<0.10	0.10	mg/Kg	1.0	SW8021B	8/11/08	8/11/08	МО	ML6GC14080811
Toluene	<0.10	0.10	mg/Kg	1.0	SW8021B	8/11/08	8/11/08	MO	ML6GC14080811
Xylenes, total	<0.15	0.15	mg/Kg	1.0	SW8021B	8/11/08	8/11/08	MO	ML6GC14080811
TVFHC (C6-C10)	<10	10	mg/Kg	1.0	SW8021B	8/11/08	8/11/08	МО	ML6GC14080811
Bromofluorobenzene(Surrogate)	100	64-127	%REC	1.0	SW8021B	8/11/08	8/11/08	MO	ML6GC14080811
		PRI	P METHOD: SW3545	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			-/A.	Test Peri	ormed By: AZ0133
Acenaphthene	<0.33	0.33	mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
Acenaphthylene	<0.33	0.33	mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
Anthracene	< 0.33	0.33	mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
Azobenzene	<0.33	0.33	mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
Benz[a]anthracene	<0.33	0.33	mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
Benzo[a]pyrene	<0.33	0.33	mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
Benzo[b]fluoranthene	<0.33	0.33	mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
Benzo[g,h,i]perylene	<0.33	0.33	mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
Benzo[k]fluoranthene	<0.33	0.33	mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
Benzoic acid	<5.0	5.0	mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
Benzyl alcohol	<0.33	0.33	mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
Bis(2-chloroethoxy)methane	<0.33	0.33	mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
3is(2-chloroethyl)ether	< 0.33	0.33	mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-10

Project Name:

Bond & Bond

Project Number: 48015

Client Sample ID: B-3-11.5

Collection Date: 8/11/2008 12:30:00 PM

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Bis(2-chloroisopropyl)ether	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
Bis(2-ethylhexyl)phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
4-Bromophenyl phenyl ether	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
Butyl benzyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
4-Chloro-3-methylphenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
4-Chloroaniline	< 0.66	0.66		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
2-Chloronaphthalene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
2-Chlorophenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
4-Chlorophenyl phenyl ether	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
Chrysene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
Di-n-butyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
Di-n-octyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JН	1195
Dibenz[a,h]anthracene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
Dibenzofuran	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
1,2-Dichlorobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
1,3-Dichlorobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
1,4-Dichlorobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
3,3'-Dichlorobenzidine	<1.7	1.7		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
2,4-Dichlorophenol	< 0.50	0.50		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
Diethyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
Dimethyl phthalate	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
2,4-Dimethylphenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
4,6-Dinitro-2-methylphenol	<2.0	2.0		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
2,4-Dinitrophenol	<2.0	2.0		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
2,4-Dinitrotoluene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
2,6-Dinitrotoluene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
Fluoranthene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
Fluorene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
Hexachlorobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
Hexachlorobutadiene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
Hexachlorocyclopentadiene	<2.0	2.0		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
Hexachloroethane	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
Indeno[1,2,3-cd]pyrene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
Isophorone	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
2-Methylnaphthalene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
2-Methylphenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
4-Methylphenol	<0.50	0.50		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
V-Nitrosodi-n-propylamine	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
V-Nitrosodiphenylamine	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
Vaphthalene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
Vitrobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
2-Nitrophenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
1-Nitrophenol	<2.0	2.0		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

Project Name:

08080174-10

Bond & Bond

Project Number: 48015

Client Sample ID: B-3-11.5

Collection Date: 8/11/2008 12:30:00 PM

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Pentachlorophenol	<0.67	0.67		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
Phenanthrene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
Phenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
Pyrene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
1,2,4-Trichlorobenzene	< 0.50	0.50		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
2,4,6-Trichlorophenol	< 0.50	0.50		mg/Kg	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
2-Chlorophenol-d4(Surrogate)	57	25-108		%REC	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
1,2-Dichlorobenzene-d4(Surrogate)	45	18-106		%REC	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
2-Fluorobiphenyl(Surrogate)	27	22-111		%REC	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
2-Fluorophenol(Surrogate)	57	25-108		%REC	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
Nitrobenzene-d5(Surrogate)	54	24-108		%REC	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
Phenol-d6(Surrogate)	63	25-109		%REC	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
4-Terphenyl-d14(Surrogate)	36	19-116		%REC	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
2,4,6-Tribromophenol(Surrogate)	74	25-117		%REC	1.0	SW8270C	8/19/08	8/22/08 20:26	JH	1195
		PREP ME	THOD: SW	3545/SW3550B					Test Perfor	med By: AZ0133
Arodor 1016	<0.033	0.033		mg/Kg	1.0	SW8082	8/18/08	8/22/08 5:36	TB	1185
Arocior 1221	<0.10	0.10		mg/Kg	1.0	SW8082	8/18/08	8/22/08 5:36	ТВ	1185
Aroclor 1232	< 0.067	0.067		mg/Kg	1.0	SW8082	8/18/08	8/22/08 5:36	ТВ	1185
Aroclor 1242	< 0.033	0.033		mg/Kg	1.0	SW8082	8/18/08	8/22/08 5:36	TB	1185
Aroctor 1248	<0.033	0.033		mg/Kg	1.0	SW8082	8/18/08	8/22/08 5:36	TB	1185
Aroclor 1254	< 0.033	0.033		mg/Kg	1.0	SW8082	8/18/08	8/22/08 5:36	TB	1185
Aroclor 1260	< 0.033	0.033		mg/Kg	1.0	SW8082	8/18/08	8/22/08 5:36	TB	1185
Decachlorobiphenyl(Surrogate)	103	31-165		%REC	1.0	SW8082	8/18/08	8/22/08 5:36	ТВ	1185
TCMX(Surrogate)	105	39-160		%REC	1.0	SW8082	8/18/08	8/22/08 5:36	TB	1185



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-11

Project Name:

Bond & Bond

Project Number: 48015

Client Sample ID: B-4-12

Collection Date: 8/11/2008 1:50:00 PM

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Amalyza	t Dotah ID
							rrepared	Analyzeu	Anaiysi	t Batch ID
		PRI	EP METHOD:	SW3050B				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Test Per	formed By: AZ0133
Arsenic	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:24	MDD	1226
Barium	110	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:24	MDD	1226
Cadmium	<1.0	1.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:24	MDD	1226
Chromium	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:24	MDD	1226
Lead	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:24	MDD	1226
Selenium	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:24	MDD	1226
Silver	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:24	MDD	1226
A 10.0		PRI	P METHOD:	SW7471A			· · · · · · · · · · · · · · · · · · ·	5-11	Test Per	formed By: AZ0133
Mercury	<0.083	0.083		mg/Kg	1.0	SW7471A	8/19/08	8/20/08 16:09	BJL	1212
The state of the s	The state of the s	PRE	P METHOD:	8015AZR1					Test Perf	formed By: AZM133
C10-C22 DRO	<30	30		mg/Kg	1.0	8015AZ	8/11/08	8/11/08	МО	ML6GC13080811
C22-C32 ORO	<100	100		mg/Kg	1.0	8015AZ	8/11/08	8/11/08		ML6GC13080811
C10-C32 SRL	<130	130		mg/Kg	1.0	8015AZ	8/11/08	8/11/08		ML6GC13080811
o-Terphenyl(Surrogate)	97	70-130		%REC	1.0	8015AZ	8/11/08	8/11/08	МО	ML6GC13080811
		PR	EP METHOD:	SW5035					Test Perf	ormed By: AZM133
Methyl tert-butyl ether	<0.20	0.20		mg/Kg	1.0	SW8021B	8/11/08	8/11/08	МО	ML6GC14080811
Benzene	<0.050	0.050		mg/Kg	1.0	SW8021B	8/11/08	8/11/08	MO	ML6GC14080811
Ethylbenzene	<0.10	0.10		mg/Kg	1.0	SW8021B	8/11/08	8/11/08	МО	ML6GC14080811
Toluene	<0.10	0.10		mg/Kg	1.0	SW8021B	8/11/08	8/11/08	MO	ML6GC14080811
Xylenes, total	<0.15	0.15		mg/Kg	1.0	SW8021B	8/11/08	8/11/08	МО	ML6GC14080811
TVFHC (C6-C10)	<10	10		mg/Kg	1.0	SW8021B	8/11/08	8/11/08	MO	ML6GC14080811
Bromofluorobenzene(Surrogate)	97	64-127		%REC	1.0	SW8021B	8/11/08	8/11/08	MO I	ML6GC14080811
		PR	P METHOD:	SW3545			Verter		Test Perf	formed By: AZ0133
Acenaphthene	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JН	1195
Acenaphthylene	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
Anthracene	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
Azobenzene	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
Benz[a]anthracene	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
Benzo[a]pyrene	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
Benzo[b]fluoranthene	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
Benzo[g,h,i]perylene	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
Benzo[k]fluoranthene	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
Benzoic acid	<25	25	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
Benzyl alcohol	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
Bis(2-chloroethoxy)methane	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
Bis(2-chloroethyl)ether	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-11

Project Name:

Bond & Bond

Project Number: 48015

Client Sample ID: B-4-12

Collection Date: 8/11/2008 1:50:00 PM

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Bis(2-chloroisopropyl)ether	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
Bis(2-ethylhexyl)phthalate	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
4-Bromophenyl phenyl ether	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
Butyl benzyl phthalate	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	jН	1195
4-Chloro-3-methylphenol	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
4-Chloroaniline	<3.3	3.3	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
2-Chloronaphthalene	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
2-Chlorophenol	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
4-Chlorophenyl phenyl ether	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
Chrysene	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
Di-n-butyl phthalate	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
Di-n-octyl phthalate	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
Dibenz[a,h]anthracene	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
Dibenzofuran	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
1,2-Dichlorobenzene	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
1,3-Dichlorobenzene	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
1,4-Dichlorobenzene	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
3,3`-Dichlorobenzidine	<8.5	8.5	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
2,4-Dichlorophenol	<2.5	2.5	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
Diethyl phthalate	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
Dimethyl phthalate	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
2,4-Dimethylphenol	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
4,6-Dinitro-2-methylphenol	<10	10	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
2,4-Dinitrophenol	<10	10	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
2,4-Dinitrotoluene	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
2,6-Dinitrotoluene	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
Fluoranthene	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JН	1195
Fluorene	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
Hexachlorobenzene	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
Hexachlorobutadiene	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
Hexachlorocyclopentadiene	<10	10	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
Hexachloroethane	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
Indeno[1,2,3-cd]pyrene	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
Isophorone	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
2-Methylnaphthalene	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
2-Methylphenol	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
4-Methylphenol	<2.5	2.5	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
N-Nitrosodi-n-propylamine	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
N-Nitrosodiphenylamine	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
Naphthalene	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
Nitrobenzene	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
2-Nitrophenol	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
4-Nitrophenol	<10	10	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

Project Name:

08080174-11

Bond & Bond

Project Number: 48015

Client Sample ID: B-4-12

Collection Date: 8/11/2008 1:50:00 PM

Analyte	Result	PQL	Oual	Units	DF	Test Code	Date	Date		
							Prepared	Analyzed	Analyst	Batch ID
Pentachlorophenol	<3.3	3.3	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
Phenanthrene	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
Phenol	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
Pyrene	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
1,2,4-Trichlorobenzene	<2.5	2.5	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
2,4,6-Trichlorophenol	<2.5	2.5	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
2-Chlorophenol-d4(Surrogate)	81	25-108		%REC	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
1,2-Dichlorobenzene-d4(Surrogate)	130	18-106	S4	%REC	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
2-Fluorobiphenyl(Surrogate)	112	22-111	S4	%REC	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
2-Fluorophenol(Surrogate)	59	25-108		%REC	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
Nitrobenzene-d5(Surrogate)	156	24-108	S4	%REC	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
Phenol-d6(Surrogate)	90	25-109		%REC	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
4-Terphenyl-d14(Surrogate)	100	19-116		%REC	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
2,4,6-Tribromophenol(Surrogate)	33	25-117		%REC	5.0	SW8270C	8/19/08	8/27/08 22:38	JH	1195
		PREP ME	THOD: SW	3545/SW3550B				- 11-2	Test Perfor	med By: AZ0133
Aroclor 1016	<0.034	0.034		mg/Kg	1.0	SW8082	8/18/08	8/22/08 6:07	ТВ	1185
Aroclor 1221	<0.10	0.10		mg/Kg	1.0	SW8082	8/18/08	8/22/08 6:07	ТВ	1185
Aroclor 1232	< 0.067	0.067		mg/Kg	1.0	SW8082	8/18/08	8/22/08 6:07	TB	1185
Aroclor 1242	< 0.034	0.034		mg/Kg	1.0	SW8082	8/18/08	8/22/08 6:07	TB	1185
Aroclor 1248	< 0.034	0.034		mg/Kg	1.0	SW8082	8/18/08	8/22/08 6:07	TB	1185
Aroclor 1254	< 0.034	0.034		mg/Kg	1.0	SW8082	8/18/08	8/22/08 6:07	TB	1185
Aroclor 1260	< 0.034	0.034		mg/Kg	1.0	SW8082	8/18/08	8/22/08 6:07	TB	1185
Decachlorobiphenyl(Surrogate)	130	31-165		%REC	1.0	SW8082	8/18/08	8/22/08 6:07	TB	1185
TCMX(Surrogate)	102	39-160		%REC	1.0	SW8082	8/18/08	8/22/08 6:07	TB	1185



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-12

Project Name:

Bond & Bond

Project Number: 48015

Client Sample ID: B-4-GW

Collection Date: 8/11/2008 2:30:00 PM

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analy	st Batch ID
		PRE	P METHOD:	SW5030B	~	······			Test P	erformed By: AZ0133
Methyl tert-butyl ether	<4.0	4.0		μg/L	1.0	SW8021B	8/11/08	8/11/08	МО	ML6GC14080811B
Benzene	<1.0	1.0		μg/L	1.0	SW8021B	8/11/08	8/11/08	MO	ML6GC14080811B
Ethylbenzene	<2.0	2.0		μg/L	1.0	SW8021B	8/11/08	8/11/08	МО	ML6GC14080811B
Toluene	<2.0	2.0		μg/L	1.0	SW8021B	8/11/08	8/11/08	МО	ML6GC14080811B
Xylenes, total	<3.0	3.0		μg/L	1.0	SW8021B	8/11/08	8/11/08	MO	ML6GC14080811B
TVFHC (C6-C10)	<200	200		µg/L	1.0	SW8021B	8/11/08	8/11/08	МО	ML6GC14080811B
Bromofluorobenzene(Surrogate)	108	70-130		%REC	1.0	SW8021B	8/11/08	8/11/08	MO	ML6GC14080811B
		PREP M	IETHOD: SW	3510C-MOD				<u></u>	Test Pe	erformed By: AZM133
C10-C22 DRO	<3.0	3.0		mg/L	1.0	8015MOD	8/11/08	8/11/08	MO	ML6GC13080811
C22-C32 ORO	<10	10		mg/L	1.0	8015MOD	8/11/08	8/11/08	МО	ML6GC13080811
o-Terphenyl(Surrogate)	89	70-130		%REC	1.0	8015MOD	8/11/08	8/11/08	МО	ML6GC13080811



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-13

Project Name:

Bond & Bond

Project Number: 48015

Client Sample ID: B-5-GW

Collection Date: 8/11/2008 3:00:00 PM

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analy	st Batch ID
**************************************	W-9-14	PREI	P METHOD:	SW5030B		A			Test F	erformed By: AZ0133
Methyl tert-butyl ether	<200	200	D1	μg/L	50	SW8021B	8/11/08	8/11/08	МО	ML6GC14080811B
Benzene	<50	50	D1	µg/L	50	SW8021B	8/11/08	8/11/08	МО	ML6GC14080811B
Ethylbenzene	<100	100	D1	μg/L	50	SW8021B	8/11/08	8/11/08	МО	ML6GC14080811B
Toluene	<100	100	D1	µg/L	50	SW8021B	8/11/08	8/11/08	МО	ML6GC14080811B
Xylenes, total	<150	150	D1	μg/L	50	SW8021B	8/11/08	8/11/08	MO	ML6GC14080811B
TVFHC (C6-C10)	36000	10000	D2	µg/L	50	SW8021B	8/11/08	8/11/08	МО	ML6GC14080811B
Bromofluorobenzene(Surrogate)	96	70-130		%REC	50	SW8021B	8/11/08	8/11/08	МО	ML6GC14080811B
	V VIII Product	PREP M	ETHOD: SVI	/3510C-MOD					Test P	erformed By: AZM133
C10-C22 DRO	6.3	3.0		mg/L	1.0	8015MOD	8/11/08	8/11/08	MO	ML6GC13080811
C22-C32 ORO	<10	10		mg/L	1.0	8015MOD	8/11/08	8/11/08	МО	ML6GC13080811
o-Terphenyl(Surrogate)	96	70-130		%REC	1.0	8015MOD	8/11/08	8/11/08	MO	ML6GC13080811



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

Project Name:

08080174-14 Bond & Bond

Project Number: 48015

Client Sample ID: B-5-12

Collection Date: 8/11/2008 2:30:00 PM

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
		PRE	P METHOD:	SW3050B					Test Per	formed By: AZ0133
Arsenic	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:28	MDD	1226
Barium	130	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:28	MDD	1226
Cadmium	<1.0	1.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:28	MDD	1226
Chromium	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:28	MDD	1226
Lead	5.7	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:28	MDD	1226
Selenium	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:28	MDD	1226
Silver	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:28	MDD	1226
	V-1	PREI	P METHOD:	SW7471A			***Port Artest		Test Pen	ormed By: AZ0133
Mercury	<0.083	0.083		mg/Kg	1.0	SW7471A	8/19/08	8/20/08 16:10	BJL	1212
		PREF	METHOD:	8015AZR1					Test Perf	ormed By: AZM133
C10-C22 DRO	<30	30		mg/Kg	1.0	8015AZ	8/11/08	8/11/08	MO	ML6GC13080811
C22-C32 ORO	<100	100		mg/Kg	1.0	8015AZ	8/11/08	8/11/08		ML6GC13080811
C10-C32 SRL	<130	130		mg/Kg	1.0	8015AZ	8/11/08	8/11/08		ML6GC13080811
o-Terphenyl(Surrogate)	109	70-130		%REC	1.0	8015AZ	8/11/08	8/11/08	MO	ML6GC13080811
7 (IIII)		PRE	P METHOD:	: SW5035			***************************************		Test Perf	ormed By: AZM133
Methyl tert-butyl ether	<0.20	0.20		mg/Kg	1.0	SW8021B	8/11/08	8/11/08	МО	ML6GC14080811
Benzene	< 0.050	0.050		mg/Kg	1.0	SW8021B	8/11/08	8/11/08	МО	ML6GC14080811
Ethylbenzene	<0.10	0.10		mg/Kg	1.0	SW8021B	8/11/08	8/11/08	MO	VL6GC14080811
Toluene	<0.10	0.10		mg/Kg	1.0	SW8021B	8/11/08	8/11/08	МО	VIL6GC14080811
Xylenes, total	<0.15	0.15		mg/Kg	1.0	SW8021B	8/11/08	8/11/08	MO	VL6GC14080811
TVFHC (C6-C10)	<10	10		mg/Kg	1.0	SW8021B	8/11/08	8/11/08	MO	ML6GC14080811
Bromofluorobenzene(Surrogate)	94	64-127		%REC	1.0	SW8021B	8/11/08	8/11/08	MO	vfL6GC14080811
		PRE	P METHOD:	SW3545		,,,,,,,,,	***************************************		Test Perf	ormed By: AZ0133
Acenaphthene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
Acenaphthylene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
Anthracene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
Azobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
Benz[a]anthracene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
Benzo[a]pyrene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
Benzo[b]fluoranthene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
Benzo[g,h,i]perylene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
Benzo[k]fluoranthene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
Benzoic acid	<5.0	5.0		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
Benzyl alcohol	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
Bis(2-chloroethoxy)methane	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
Bis(2-chloroethyl)ether	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-14

Project Name:

Bond & Bond

Project Number: 48015

Client Sample ID: B-5-12

Collection Date: 8/11/2008 2:30:00 PM

					,	Test	Date	Date		W.A
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Bis(2-chloroisopropyl)ether	<0.33	0.33		mg/Kg	1,0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
Bis(2-ethylhexyl)phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	HL	1195
4-Bromophenyl phenyl ether	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
Butyl benzyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
4-Chloro-3-methylphenol	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
4-Chloroaniline	<0.66	0.66		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
2-Chloronaphthalene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
2-Chlorophenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
4-Chlorophenyl phenyl ether	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
Chrysene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
Di-n-butyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
Di-n-octyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
Dibenz[a,h]anthracene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
Dibenzofuran	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
1,2-Dichlorobenzene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
1,3-Dichlorobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
1,4-Dichlorobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
3,3'-Dichlorobenzidine	<1.7	1.7		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
2,4-Dichlorophenol	< 0.50	0.50		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
Diethyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
Dimethyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
2,4-Dimethylphenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
4,6-Dinitro-2-methylphenol	<2.0	2.0		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
2,4-Dinitrophenol	<2.0	2.0		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
2,4-Dinitrotoluene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
2,6-Dinitrotoluene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	jН	1195
Fluoranthene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
Fluorene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
Hexachlorobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
Hexachiorobutadiene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
Hexachlorocyclopentadiene	<2.0	2.0	*	mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
Hexachloroethane	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
Indeno[1,2,3-cd]pyrene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
Isophorone	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
2-Methylnaphthalene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
2-Methylphenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	JН	1195
4-Methylphenol	<0.50	0.50		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
N-Nitrosodi-n-propylamine	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
N-Nitrosodiphenylamine	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
Naphthalene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
Nitrobenzene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
2-Nitrophenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
4-Nitrophenol	<2.0	2.0		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-14

Project Name:

Bond & Bond

Project Number: 48015

Client Sample ID: B-5-12

Collection Date: 8/11/2008 2:30:00 PM

0,11,2000

Analyta	D agosts	DOL	01	Y T 14	Tar	Test	Date	Date	······································	
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Pentachlorophenol	<0.67	0.67		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
Phenanthrene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
Phenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	JН	1195
Pyrene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
1,2,4-Trichlorobenzene	<0.50	0.50		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
2,4,6-Trichlorophenol	<0.50	0.50		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
2-Chlorophenol-d4(Surrogate)	72	25-108		%REC	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
1,2-Dichlorobenzene-d4(Surrogate)	68	18-106		%REC	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
2-Fluorobiphenyl(Surrogate)	49	22-111		%REC	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
2-Fluorophenol(Surrogate)	67	25-108		%REC	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
Nitrobenzene-d5(Surrogate)	75	24-108		%REC	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
Phenol-d6(Surrogate)	75	25-109		%REC	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
4-Terphenyl-d14(Surrogate)	73	19-116		%REC	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
2,4,6-Tribromophenol(Surrogate)	73	25-117		%REC	1.0	SW8270C	8/19/08	8/26/08 16:46	JH	1195
	/HE-2	PREP ME	THOD: SW	3545/SW3550B			777		Test Perfor	med By: AZ0133
Aroclor 1016	<0.034	0.034		mg/Kg	1.0	SW8082	8/18/08	8/22/08 6:38	ТВ	1185
Aroclor 1221	<0.10	0.10		mg/Kg	1.0	SW8082	8/18/08	8/22/08 6:38	TB	1185
Aroclor 1232	< 0.067	0.067		mg/Kg	1.0	SW8082	8/18/08	8/22/08 6:38	TB	1185
Aroclor 1242	< 0.034	0.034		mg/Kg	1.0	SW8082	8/18/08	8/22/08 6:38	TB	1185
Aroclor 1248	< 0.034	0.034		mg/Kg	1.0	SW8082	8/18/08	8/22/08 6:38	ТВ	1185
Arodor 1254	< 0.034	0.034		mg/Kg	1.0	SW8082	8/18/08	8/22/08 6:38	TB	1185
Arodor 1260	< 0.034	0.034		mg/Kg	1.0	SW8082	8/18/08	8/22/08 6:38	TB	1185
Decachlorobiphenyl(Surrogate)	86	31-165		%REC	1.0	SW8082	8/18/08	8/22/08 6:38	TB	1185
TCMX(Surrogate)	82	39-160		%REC	1.0	SW8082	8/18/08	8/22/08 6:38	TB	1185



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

Project Name:

08080174-15

Bond & Bond

Project Number: 48015

Client Sample ID: B-6-12'

Collection Date: 8/12/2008 9:10:00 AM

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date	Date	4 1	D . 1 775
2 Harry Co	icouit	1 41	Quai	Ontes	Dr	Code	Prepared	Analyzed	Analyst	Batch ID
		PRI	P METHOD:	SW3050B				of the state of th	Test Per	formed By: AZ0133
Arsenic	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:32	MDD	1226
Barium	66	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:32	MDD	1226
Cadmium	<1.0	1.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:32	MDD	1226
Chromium	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:32	MDD	1226
Lead	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:32	MDD	1226
Selenium	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:32	MDD	1226
Silver	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:32	MDD	1226
A A A A A A A A A A A A A A A A A A A	and the state of t	PRE	P METHOD:	SW7471A					Test Per	formed By: AZ0133
Mercury	<0.083	0.083		mg/Kg	1.0	SW7471A	8/19/08	8/20/08 16:12	BJL	1212
Al Company of the Com	The state of the s	PRE	P METHOD:	8015AZR1		11-001	AF4		Test Peri	ormed By: AZM133
C10-C22 DRO	<30	30		mg/Kg	1.0	8015AZ	8/12/08	8/12/08	МО	ML6GC13080812
C22-C32 ORO	<100	100		mg/Kg	1.0	8015AZ	8/12/08	8/12/08		ML6GC13080812
C10-C32 SRL	<130	130		mg/Kg	1.0	8015AZ	8/12/08	8/12/08		ML6GC13080812
o-Terphenyl(Surrogate)	91	70-130		%REC	1.0	8015AZ	8/12/08	8/12/08		ML6GC13080812
		PR	P METHOD:	SW5035					Test Perf	ormed By: AZM133
Methyl tert-butyl ether	<0.20	0.20		mg/Kg	1.0	SW8021B	8/12/08	8/12/08	MO	ML6GC14080812
Benzene	<0.050	0.050		mg/Kg	1.0	SW8021B	8/12/08	8/12/08		ML6GC14080812
Ethylbenzene	<0.10	0.10		mg/Kg	1.0	SW8021B	8/12/08	8/12/08		ML6GC14080812
Toluene	<0.10	0.10		mg/Kg	1.0	SW8021B	8/12/08	8/12/08		ML6GC14080812
Xylenes, total	<0.15	0.15		mg/Kg	1.0	SW8021B	8/12/08	8/12/08		ML6GC14080812
TVFHC (C6-C10)	<10	10		mg/Kg	1.0	SW8021B	8/12/08	8/12/08		ML6GC14080812
Bromofluorobenzene(Surrogate)	89	64-127		%REC	1.0	SW8021B	8/12/08	8/12/08		ML6GC14080812
Ambarania de la constitución de	// 4/4/4	PRE	P METHOD:	SW3545			71	, , , , , , , , , , , , , , , , , , ,	Test Perf	ormed By: AZ0133
Acenaphthene	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
Acenaphthylene	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
Anthracene	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
Azobenzene	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
Benz[a]anthracene	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
Benzo[a]pyrene	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
Benzo[b]fluoranthene	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
Benzo[g,h,i]perylene	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
Benzo[k]fluoranthene	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
Benzoic acid	<50	50	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
Benzyl alcohol	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
Bis(2-chloroethoxy)methane	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
Bis(2-chloroethyl)ether	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-15

Project Name:

Bond & Bond

Project Number: 48015

Client Sample ID: B-6-12'

Collection Date: 8/12/2008 9:10:00 AM

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Bis(2-chloroisopropyl)ether	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
Bis(2-ethylhexyl)phthalate	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
4-Bromophenyl phenyl ether	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
Butyl benzyl phthalate	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
4-Chloro-3-methylphenol	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
4-Chloroaniline	<6.6	6.6	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
2-Chioronaphthalene	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
2-Chlorophenol	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
4-Chlorophenyl phenyl ether	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
Chrysene	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
Di-n-butyl phthalate	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
Di-n-octyl phthalate	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
Dibenz[a,h]anthracene	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
Dibenzofuran	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
1,2-Dichlorobenzene	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
1,3-Dichlorobenzene	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
1,4-Dichlorobenzene	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
3,3'-Dichlorobenzidine	<17	17	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
2,4-Dichlorophenol	<5.0	5.0	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
Diethyl phthalate	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
Dimethyl phthalate	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
2,4-Dimethylphenol	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
4,6-Dinitro-2-methylphenol	<20	20	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
2,4-Dinitrophenol	<20	20	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
2,4-Dinitrotoluene	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
2,6-Dinitrotoluene	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
Fluoranthene	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
Fluorene	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
Hexachiorobenzene	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
Hexachlorobutadiene	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
Hexachlorocyclopentadiene	<20	20	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
Hexachloroethane	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
Indeno[1,2,3-cd]pyrene	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
Isophorone	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
2-Methylnaphthalene	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
2-Methylphenol	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
4-Methylphenol	<5.0	5.0	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
N-Nitrosodi-n-propylamine	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
N-Nitrosodiphenylamine	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JН	1195
Naphthalene	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
Nitrobenzene	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
2-Nitrophenol	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
4-Nitrophenol	<20	20	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
•	-5			99		0,,52,50	0, 10,00	GEORGE LIT	JIT	1190



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-15

Project Name:

Bond & Bond

Project Number: 48015

Client Sample ID: B-6-12'

Collection Date: 8/12/2008 9:10:00 AM

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Batch ID
Pentachlorophenol	<6.7	6.7	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
Phenanthrene	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
Phenol	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
Pyrene	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
1,2,4-Trichlorobenzene	<5.0	5.0	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
2,4,6-Trichlorophenol	<5.0	5.0	D1	mg/Kg	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
2-Chlorophenol-d4(Surrogate)	0	25-108	S8	%REC	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
1,2-Dichlorobenzene-d4(Surrogate)	0	18-106	\$8	%REC	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
2-Fluorobiphenyl(Surrogate)	0	22-111	S8	%REC	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
2-Fluorophenol(Surrogate)	0	25-108	S8	%REC	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
Nitrobenzene-d5(Surrogate)	0	24-108	S8	%REC	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
Phenol-d6(Surrogate)	0	25-109	S8	%REC	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
4-Terphenyl-d14(Surrogate)	0	19-116	S8	%REC	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
2,4,6-Tribromophenol(Surrogate)	0	25-117	\$8	%REC	10	SW8270C	8/19/08	8/28/08 1:14	JH	1195
		PREP ME	THOD: SW	3545/SW3550B			*		Test Perfor	med By: AZ0133
Aroclor 1016	<0.033	0.033		mg/Kg	0.99	SW8082	8/18/08	8/22/08 7:10	ТВ	1185
Aroclor 1221	< 0.099	0.099		mg/Kg	0.99	SW8082	8/18/08	8/22/08 7:10	ТВ	1185
Arodor 1232	< 0.066	0.066		mg/Kg	0.99	SW8082	8/18/08	8/22/08 7:10	TB	1185
Arocior 1242	< 0.033	0.033		mg/Kg	0.99	SW8082	8/18/08	8/22/08 7:10	TB	1185
Aroclor 1248	< 0.033	0.033		mg/Kg	0.99	SW8082	8/18/08	8/22/08 7:10	TB	1185
Arodor 1254	< 0.033	0.033		mg/Kg	0.99	SW8082	8/18/08	8/22/08 7:10	TB	1185
Aroclor 1260	< 0.033	0.033		mg/Kg	0.99	SW8082	8/18/08	8/22/08 7:10	TB	1185
Decachlorobiphenyl(Surrogate)	100	31-165		%REC	0.99	SW8082	8/18/08	8/22/08 7:10	TB	1185
TCMX(Surrogate)	60	39-160		%REC	0.99	SW8082	8/18/08	8/22/08 7:10	TB	1185



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-16

Project Name:

Bond & Bond

Project Number: 48015

Client Sample ID: B-7-12'

Collection Date: 8/12/2008 9:35:00 AM

Analyte	Result	PQI	. Qual	Units	DF	Test Code	Date	Date	A 1 ·	T) . (1 T)
	Rosun	1 41	Quar	Omts	1/1	Code	Prepared	Analyzed	Analyst	Batch ID
		PR	EP METHOD	SW3050B					Test Peri	ormed By: AZ013
Arsenic	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:35	MDD	1226
Barium	58	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:35	MDD	1226
Cadmium	<1.0	1.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:35	MDD	1226
Chromium	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:35	MDD	1226
Lead	22	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:35	MDD	1226
Selenium	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:35	MDD	1226
Silver	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:35	MDD	1226
		PR	EP METHOD.	SW7471A			#Week All		Test Peri	ormed By: AZ013
Mercury	<0.083	0.083		mg/Kg	1.0	SW7471A	8/19/08	8/20/08 16:13	BJL	1212
	VVIII.	PR	EP METHOD:	8015AZR1					Test Perf	ormed By: AZM13
C10-C22 DRO	830	30		mg/Kg	1.0	8015AZ	8/12/08	8/12/08	MO	ML6GC13080812
C22-C32 ORO	<100	100		mg/Kg	1.0	8015AZ	8/12/08	8/12/08		ML6GC13080812
C10-C32 SRL	830	130		mg/Kg	1.0	8015AZ	8/12/08	8/12/08		VIL6GC13080812
o-Terphenyl(Surrogate)	101			%REC	1.0	8015AZ	8/12/08	8/12/08		ML6GC13080812
	100000	PF	EP METHOD	: SW5035				,		ormed By: AZM13:
Methyl tert-butyl ether	0.39	0.20		mg/Kg	1.0	SW8021B	8/12/08	8/12/08	MO	WL6GC14080812
Benzene	0.10	0.050		mg/Kg	1.0	SW8021B	8/12/08	8/12/08		ML6GC14080812
Ethylbenzene	4.8	0.10		mg/Kg	1.0	SW8021B	8/12/08	8/12/08		VIL6GC14080812
Toluene	0.73	0.10		mg/Kg	1.0	SW8021B	8/12/08	8/12/08		VIL6GC14080812
Xylenes, total	5.1	0.15		mg/Kg	1.0	SW8021B	8/12/08	8/12/08		VIL6GC14080812
TVFHC (C6-C10)	1800	200	D2	mg/Kg	20	SW8021B	8/12/08	8/12/08		VL6GC14080812
Bromofluorobenzene(Surrogate)	847	64-127	S10	%REC	1.0	SW8021B	8/12/08	8/12/08		VL6GC14080812
	,	PF	EP METHOD	: SW3545					Test Perf	ormed By: AZ0133
Acenaphthene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
Acenaphthylene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
Anthracene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
Azobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
Benz[a]anthracene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
Benzo[a]pyrene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
Benzo[b]fluoranthene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
Benzo[g,h,i]perylene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
Benzo[k]fluoranthene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
Benzoic acid	<5.0	5.0		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
Benzyl alcohol	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
Bis(2-chloroethoxy)methane	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
Bis(2-chloroethyl)ether	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-16

Project Name:

Bond & Bond

Project Number: 48015

Client Sample ID: B-7-12'

Collection Date: 8/12/2008 9:35:00 AM

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Bis(2-chloroisopropyl)ether	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
Bis(2-ethylhexyl)phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
4-Bromophenyl phenyl ether	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
Butyl benzyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
4-Chloro-3-methylphenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
4-Chloroaniline	< 0.66	0.66		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
2-Chloronaphthalene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 17:39	JН	1195
2-Chlorophenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
4-Chlorophenyl phenyl ether	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
Chrysene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
Di-n-butyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
Di-n-octyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
Dibenz[a,h]anthracene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
Dibenzofuran	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
1,2-Dichlorobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
1,3-Dichlorobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
1,4-Dichlorobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
3,3'-Dichlorobenzidine	<1.7	1.7		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
2,4-Dichlorophenol	< 0.50	0.50		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
Diethyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
Dimethyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
2,4-Dimethylphenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
4,6-Dinitro-2-methylphenol	<2.0	2.0		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
2,4-Dinitrophenol	<2.0	2.0		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
2,4-Dinitrotoluene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
2,6-Dinitrotoluene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
Fluoranthene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
Fluorene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
Hexachlorobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
Hexachlorobutadiene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
Hexachlorocyclopentadiene	<2.0	2.0		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
Hexachloroethane	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
Indeno[1,2,3-cd]pyrene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
Isophorone	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
2-Methylnaphthalene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
2-Methylphenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
4-Methylphenol	<0.50	0.50		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
N-Nitrosodi-n-propylamine	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
N-Nitrosodiphenylamine	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
Naphthalene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
Nitrobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
2-Nitrophenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
									~··	



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-16

Project Name:

Bond & Bond

Project Number: 48015

Client Sample ID: B-7-12'

Collection Date: 8/12/2008 9:35:00 AM

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Batch ID
Pentachlorophenol	<0.67	0.67		mg/Kg	1,0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
Phenanthrene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
Phenol	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
Pyrene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
1,2,4-Trichlorobenzene	<0.50	0.50		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
2,4,6-Trichlorophenol	<0.50	0.50		mg/Kg	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
2-Chlorophenol-d4(Surrogate)	78	25-108		%REC	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
1,2-Dichlorobenzene-d4(Surrogate)	68	18-106		%REC	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
2-Fluorobiphenyl(Surrogate)	73	22-111		%REC	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
2-Fluorophenol(Surrogate)	71	25-108		%REC	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
Nitrobenzene-d5(Surrogate)	78	24-108		%REC	1.0	SW8270C	8/19/08	8/26/08 17:39	JĦ	1195
Phenol-d6(Surrogate)	79	25-109		%REC	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
4-Terphenyl-d14(Surrogate)	60	19-116		%REC	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
2,4,6-Tribromophenol(Surrogate)	86	25-117		%REC	1.0	SW8270C	8/19/08	8/26/08 17:39	JH	1195
The second and second as the second s		PREP ME	THOD: SW	8545/SW3550B	~~~		•		Test Perfor	rmed By: AZ0133
Aroclor 1016	<0.033	0.033		mg/Kg	0.99	SW8082	8/18/08	8/22/08 7:41	ТВ	1185
Aroclor 1221	< 0.099	0.099		mg/Kg	0.99	SW8082	8/18/08	8/22/08 7:41	TB	1185
Aroclor 1232	<0.066	0.066		mg/Kg	0.99	SW8082	8/18/08	8/22/08 7:41	ТВ	1185
Aroclor 1242	<0.033	0.033		mg/Kg	0.99	SW8082	8/18/08	8/22/08 7:41	TB	1185
Aroclor 1248	< 0.033	0.033		mg/Kg	0.99	SW8082	8/18/08	8/22/08 7:41	ТВ	1185
Aroclor 1254	<0.033	0.033		mg/Kg	0.99	SW8082	8/18/08	8/22/08 7:41	ТВ	1185
Aroclor 1260	<0.033	0.033		mg/Kg	0.99	SW8082	8/18/08	8/22/08 7:41	TB	1185
Decachlorobiphenyl(Surrogate)	105	31-165		%REC	0.99	SW8082	8/18/08	8/22/08 7:41	TB	1185
TCMX(Surrogate)	104	39-160		%REC	0.99	SW8082	8/18/08	8/22/08 7:41	ТВ	1185



License No. AZM133/AZ0133

CLIENT: Work Order:

Bristol Environmental & Engineering

08080174

Lab ID:

Project Name:

08080174-17

Project Number: 48015

Bond & Bond

Client Sample ID: B-8-6'

Collection Date: 8/12/2008 10:15:00 AM

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Amalya	t Batch ID
					171	Code	1 repared	Anaryzeu	Analys	Batch 1D
		PRE	P METHOD:	SW3050B					Test Per	formed By: AZ0133
Arsenic	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:39	MDD	1226
Barium	160	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:39	MDD	1226
Cadmium	<1.0	1.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:39	MDD	1226
Chromium	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:39	MDD	1226
Lead	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:39	MDD	1226
Selenium	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:39	MDD	1226
Silver	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:39	MDD	1226
		PRE	P METHOD:	SW7471A		<i>P</i> -2014.	***************************************	7977 y 4 17 december 14	Test Per	formed By: AZ0133
Mercury	<0.083	0.083		mg/Kg	1.0	SW7471A	8/19/08	8/20/08 16:27	BJL	1213
		PRE	P METHOD:	8015AZR1					Test Per	formed By: AZM133
C10-C22 DRO	<30	30		mg/Kg	1.0	8015AZ	8/12/08	8/12/08	МО	ML6GC13080812
C22-C32 ORO	<100	100		mg/Kg	1.0	8015AZ	8/12/08	8/12/08	MO	ML6GC13080812
C10-C32 SRL	<130	130		mg/Kg	1.0	8015AZ	8/12/08	8/12/08	MO	ML6GC13080812
o-Terphenyl(Surrogate)	100	70-130		%REC	1.0	8015AZ	8/12/08	8/12/08	MO	ML6GC13080812
	Feat	PRI	P METHOD:	SW5035					Test Peri	formed By: AZM133
Methyl tert-butyl ether	<0.20	0.20		mg/Kg	1.0	SW8021B	8/12/08	8/12/08	MO	ML6GC14080812
Benzene	<0.050	0.050		mg/Kg	1.0	SW8021B	8/12/08	8/12/08		ML6GC14080812
Ethylbenzene	<0.10	0.10		mg/Kg	1.0	SW8021B	8/12/08	8/12/08		ML6GC14080812
Toluene	<0.10	0.10		mg/Kg	1.0	SW8021B	8/12/08	8/12/08		ML6GC14080812
Xylenes, total	<0.15	0.15		mg/Kg	1.0	SW8021B	8/12/08	8/12/08		ML6GC14080812
TVFHC (C6-C10)	<10	10		mg/Kg	1.0	SW8021B	8/12/08	8/12/08		ML6GC14080812
Bromofluorobenzene(Surrogate)	102	64-127		%REC	1.0	SW8021B	8/12/08	8/12/08		ML6GC14080812
		PRE	P METHOD:	SW3545					Test Per	formed By: AZ0133
Acenaphthene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
Acenaphthylene	<1.7	1,7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
Anthracene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
Azobenzene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
Benz[a]anthracene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
Benzo[a]pyrene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
Benzo[b]fluoranthene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
Benzo[g,h,i]perylene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
Benzo[k]fluoranthene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
Benzoic acid	<25	25	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
Benzyl alcohol	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
Bis(2-chloroethoxy)methane	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
Bis(2-chloroethyl)ether	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-17

Project Name:

Bond & Bond

Project Number: 48015

Client Sample ID: B-8-6'

Collection Date: 8/12/2008 10:15:00 AM

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Bis(2-chloroisopropyl)ether	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
Bis(2-ethylhexyl)phthalate	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
4-Bromophenyl phenyl ether	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
Butyl benzyl phthalate	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
4-Chloro-3-methylphenol	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
4-Chloroaniline	<3.3	3.3	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
2-Chloronaphthalene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
2-Chlorophenol	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
4-Chlorophenyl phenyl ether	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
Chrysene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
Di-n-butyl phthalate	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
Di-n-octyl phthalate	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
Dibenz[a,h]anthracene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
Dibenzofuran	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
1,2-Dichlorobenzene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
1,3-Dichlorobenzene	<1.7	1,7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
1,4-Dichlorobenzene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
3,3`-Dichlorobenzidine	<8.5	8.5	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
2,4-Dichlorophenol	<2.5	2.5	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
Diethyl phthalate	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
Dimethyl phthalate	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
2,4-Dimethylphenol	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
4,6-Dinitro-2-methylphenol	<10	10	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
2,4-Dinitrophenol	<10	10	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
2,4-Dinitrotoluene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
2,6-Dinitrotoluene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
Fluoranthene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
Fluorene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
Hexachlorobenzene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
Hexachlorobutadiene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
Hexachlorocyclopentadiene	<10	10	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
Hexachloroethane	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
Indeno[1,2,3-cd]pyrene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
Isophorone	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
2-Methylnaphthalene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
2-Methylphenol	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
4-Methylphenol	<2.5	2.5	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
N-Nitrosodi-n-propylamine	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
N-Nitrosodiphenylamine	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
Naphthalene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
Vitrobenzene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
2-Nitrophenol	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
" Tricipitotion							Ot 1 SHOW		JE	1195



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-17

Project Name:

Bond & Bond

Project Number: 48015

Client Sample ID: B-8-6'

ment sample 1D. Do"o

Collection Date: 8/12/2008 10:15:00 AM

_						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Pentachiorophenol	<3.4	3.4	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
Phenanthrene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
Phenol	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
Pyrene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
1,2,4-Trichlorobenzene	<2.5	2.5	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
2,4,6-Trichlorophenol	<2.5	2.5	D1	mg/Kg	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
2-Chlorophenol-d4(Surrogate)	58	25-108		%REC	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
1,2-Dichlorobenzene-d4(Surrogate)	37	18-106		%REC	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
2-Fluorobiphenyl(Surrogate)	38	22-111		%REC	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
2-Fluorophenol(Surrogate)	59	25-108		%REC	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
Nitrobenzene-d5(Surrogate)	58	24-108		%REC	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
Phenol-d6(Surrogate)	63	25-109		%REC	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
4-Terphenyl-d14(Surrogate)	64	19-116		%REC	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
2,4,6-Tribromophenol(Surrogate)	25	25-117		%REC	5.0	SW8270C	8/19/08	8/27/08 23:30	JH	1195
		PREP ME	THOD: SW	3545/SW3550B					Test Perfor	med By: AZ0133
Aroclor 1016	<0.033	0.033		mg/Kg	1.0	SW8082	8/18/08	8/22/08 9:15	ТВ	1185
Aroclor 1221	< 0.10	0.10		mg/Kg	1.0	SW8082	8/18/08	8/22/08 9:15	ТВ	1185
Arocior 1232	< 0.067	0.067		mg/Kg	1.0	SW8082	8/18/08	8/22/08 9:15	ТВ	1185
Aroclor 1242	< 0.033	0.033		mg/Kg	1.0	SW8082	8/18/08	8/22/08 9:15	ТВ	1185
Aroclor 1248	< 0.033	0.033		mg/Kg	1.0	SW8082	8/18/08	8/22/08 9:15	ТВ	1185
Aroclor 1254	< 0.033	0.033		mg/Kg	1.0	SW8082	8/18/08	8/22/08 9:15	ТВ	1185
Aroclor 1260	<0.033	0.033		mg/Kg	1.0	SW8082	8/18/08	8/22/08 9:15	ΤB	1185
Decachlorobiphenyl(Surrogate)	102	31-165		%REC	1.0	SW8082	8/18/08	8/22/08 9:15	ТВ	1185
TCMX(Surrogate)	117	39-160		%REC	1.0	SW8082	8/18/08	8/22/08 9:15	TB	1185



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Client Sample ID: B-6-GW

Work Order:

08080174

Collection Date: 8/12/2008 10:10:00 AM

Lab ID:

08080174-18

Matrix: Water

Project Name:

Bond & Bond

Project Number: 48015

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analys	st Batch ID
		PREF	METHOD:	SW5030B			MIII P.A.		Test Po	orformed By: AZ0133
Methyl tert-butyl ether	<4.0	4.0		μg/L	1.0	SW8021B	8/12/08	8/12/08	МО	ML6GC14080812B
Benzene	<1.0	1.0		μg/L	1.0	SW8021B	8/12/08	8/12/08	MO	ML6GC14080812B
Ethylbenzene	<2.0	2.0		μg/L	1.0	SW8021B	8/12/08	8/12/08	МО	ML6GC14080812B
Toluene	<2.0	2.0		μg/L	1.0	SW8021B	8/12/08	8/12/08	MO	ML6GC14080812B
Xylenes, total	<3.0	3.0		μg/L	1.0	SW80218	8/12/08	8/12/08	МО	ML6GC14080812B
TVFHC (C6-C10)	<200	200		μg/L	1.0	SW8021B	8/12/08	8/12/08	МО	ML6GC14080812B
Bromofluorobenzene(Surrogate)	113	70-130		%REC	1.0	SW8021B	8/12/08	8/12/08	МО	ML6GC14080812B
		PREP M	ETHOD: SW	3510C-MOD					Test Pe	rformed By: AZM133
C10-C22 DRO	<3.0	3.0		mg/L	1.0	8015MOD	8/12/08	8/12/08	МО	ML6GC13080812B
C22-C32 ORO	<10	10		mg/L	1.0	8015MOD	8/12/08	8/12/08	MO	ML6GC13080812B
o-Terphenyl(Surrogate)	95	70-130		%REC	1.0	8015MOD	8/12/08	8/12/08	MO	ML6GC13080812B



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-19

Project Name:

Bond & Bond

Project Number: 48015

Client Sample ID: B-8-12'

Collection Date: 8/12/2008 10:25:00 AM

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date	Date		
	Roddie	1 41	Quai	Omis	IJī.	Code	Prepared	Analyzed	Analys	t Batch ID
		PR	EP METHOD:	SW3050B				771700	Test Per	formed By: AZ0133
Arsenic	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:43	MDD	1226
Barium	160	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:43	MDD	1226
Cadmium	<1.0	1.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:43	MDD	1226
Chromium	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:43	MDD	1226
Lead	6.1	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:43	MDD	1226
Selenium	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:43	MDD	1226
Silver	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:43	MDD	1226
		PRI	P METHOD:	SW7471A					Test Per	formed By: AZ0133
Mercury	<0.083	0.083		mg/Kg	1.0	SW7471A	8/19/08	8/20/08 16:29	BJL	1213
		PRE	P METHOD:	8015AZR1					Test Peri	formed By: AZM133
C10-C22 DRO	1200	30		mg/Kg	1.0	8015AZ	8/12/08	8/12/08	MO	ML6GC13080812
C22-C32 ORO	<100	100		mg/Kg	1.0	8015AZ	8/12/08	8/12/08	MO	ML6GC13080812
C10-C32 SRL	1200	130		mg/Kg	1.0	8015AZ	8/12/08	8/12/08		ML6GC13080812
o-Terphenyl(Surrogate)	90	70-130		%REC	1.0	8015AZ	8/12/08	8/12/08		ML6GC13080812
A		PR	EP METHOD.	SW5035					Test Peri	ormed By: AZM133
Methyl tert-butyl ether	<0.20	0.20		mg/Kg	1.0	SW8021B	8/12/08	8/12/08	MO	ML6GC14080812
Benzene	0.47	0.050		mg/Kg	1.0	SW8021B	8/12/08	8/12/08		ML6GC14080812
Ethylbenzene	1.8	0.10		mg/Kg	1.0	SW8021B	8/12/08	8/12/08		ML6GC14080812
Toluene	0.37	0.10		mg/Kg	1.0	SW8021B	8/12/08	8/12/08		ML6GC14080812
Xylenes, total	2.5	0.15		mg/Kg	1.0	SW8021B	8/12/08	8/12/08		ML6GC14080812
TVFHC (C6-C10)	6100	500	D2	mg/Kg	50	SW8021B	8/12/08	8/12/08		ML6GC14080812
Bromofluorobenzene(Surrogate)	409	64-127	S10	%REC	1.0	SW8021B	8/12/08	8/12/08		ML6GC14080812
		PR	EP METHOD:	SW3545					Test Peri	formed By: AZ0133
Acenaphthene	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
Acenaphthylene	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
Anthracene	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
Azobenzene	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
Benz[a]anthracene	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
Benzo[a]pyrene	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
Benzo[b]fluoranthene	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
Benzo[g,h,i]perylene	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
Benzo[k]fluoranthene	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
Benzoic acid	<25	25	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
Benzyl alcohol	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
Bis(2-chloroethoxy)methane	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
Bis(2-chloroethyl)ether	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-19

Project Name:

Bond & Bond

Project Number: 48015

Client Sample ID: B-8-12'

Collection Date: 8/12/2008 10:25:00 AM

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Bis(2-chloroisopropyl)ether	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
Bis(2-ethylhexyl)phthalate	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	ĴΗ	1195
4-Bromophenyl phenyl ether	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
Butyl benzyl phthalate	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
4-Chloro-3-methylphenol	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
4-Chloroaniline	<3.3	3.3	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
2-Chloronaphthalene	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
2-Chlorophenol	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JН	1195
4-Chlorophenyl phenyl ether	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
Chrysene	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
Di-n-butyl phthalate	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
Di-n-octyl phthalate	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
Dibenz[a,h]anthracene	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
Dibenzofuran	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
1,2-Dichlorobenzene	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
1,3-Dichlorobenzene	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
1,4-Dichlorobenzene	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
3,3'-Dichlorobenzidine	<8.5	8.5	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
2,4-Dichlorophenol	<2.5	2.5	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
Diethyl phthalate	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
Dimethyl phthalate	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
2,4-Dirnethylphenol	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
4,6-Dinitro-2-methylphenol	<10	10	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
2,4-Dinitrophenol	<10	10	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
2,4-Dinitrotoluene	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
2,6-Dinitrotoluene	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
Fluoranthene	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
Fluorene	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
Hexachlorobenzene	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
Hexachlorobutadiene	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
Hexachlorocyclopentadiene	<10	10	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
Hexachloroethane	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
Indeno[1,2,3-cd]pyrene	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
Isophorone	<1:6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
2-Methylnaphthalene	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
2-Methylphenol	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
4-Methylphenol	<2.5	2.5	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
N-Nitrosodi-n-propylamine	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
N-Nitrosodiphenylamine	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
Naphthalene	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
Nitrobenzene	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
2-Nitrophenol	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
4-Nitrophenol	<10	10	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
				11011110		· · · · ·			O1 F	



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

Project Name:

08080174-19

Bond & Bond

Project Number: 48015

Client Sample ID: B-8-12'

Collection Date: 8/12/2008 10:25:00 AM

		***************************************				Test	Date	Date		****
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Pentachlorophenol	<3.3	3.3	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
Phenanthrene	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
Phenol	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
Pyrene	<1.6	1.6	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
1,2,4-Trichlorobenzene	<2.5	2.5	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
2,4,6-Trichlorophenol	<2.5	2.5	D1	mg/Kg	5.0	SW8270C	8/19/08	8/28/08 0:22	JН	1195
2-Chlorophenol-d4(Surrogate)	80	25-108		%REC	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
1,2-Dichlorobenzene-d4(Surrogate)	70	18-106		%REC	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
2-Fluorobiphenyl(Surrogate)	62	22-111		%REC	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
2-Fluorophenol(Surrogate)	70	25-108		%REC	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
Nitrobenzene-d5(Surrogate)	79	24-108		%REC	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
Phenol-d6(Surrogate)	81	25-109		%REC	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
4-Terphenyl-d14(Surrogate)	45	19-116		%REC	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
2,4,6-Tribromophenoi(Surrogate)	22	25-117	S6	%REC	5.0	SW8270C	8/19/08	8/28/08 0:22	JH	1195
**************************************		PREP ME	THOD: SW:	3545/SW3550B					Test Perfor	med By: AZ0133
Arocior 1016	<0.034	0.034		mg/Kg	1.0	SW8082	8/18/08	8/22/08 9:46	ТВ	1185
Aroclor 1221	< 0.10	0.10		mg/Kg	1.0	SW8082	8/18/08	8/22/08 9:46	ТВ	1185
Arodor 1232	< 0.067	0.067		mg/Kg	1.0	SW8082	8/18/08	8/22/08 9:46	ТВ	1185
Arodor 1242	< 0.034	0.034		mg/Kg	1.0	SW8082	8/18/08	8/22/08 9:46	TB	1185
Aroclor 1248	< 0.034	0.034		mg/Kg	1.0	SW8082	8/18/08	8/22/08 9:46	TB	1185
Arodor 1254	< 0.034	0.034		mg/Kg	1.0	SW8082	8/18/08	8/22/08 9:46	ТВ	1185
Aroclor 1260	< 0.034	0.034		mg/Kg	1.0	SW8082	8/18/08	8/22/08 9:46	TB	1185
Decachlorobiphenyl(Surrogate)	49	31-165		%REC	1.0	SW8082	8/18/08	8/22/08 9:46	TB	1185
TCMX(Surrogate)	28	39-160	S6	%REC	1.0	SW8082	8/18/08	8/22/08 9:46	TB	1185



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-20

Project Name:

Bond & Bond

Project Number: 48015

Client Sample ID: B-7-GW

Collection Date: 8/12/2008 11:30:00 AM

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analys	st Batch ID
WA7		PRE	P METHOD:	SW5030B			V ^A min	· · · · · · · · · · · · · · · · · · ·	Test Pe	erformed By: AZ0133
Methyl tert-butyl ether	<200	200	D1	μg/L	50	SW8021B	8/12/08	8/12/08	MO	ML6GC14080812B
Benzene	<50	50	D1	μg/L	50	SW8021B	8/12/08	8/12/08	MO	ML6GC14080812B
Ethylbenzene	480	100	D2	μg/L	50	SW8021B	8/12/08	8/12/08	МО	ML6GC14080812B
Toluene	<100	100	D1	µg/L	50	SW8021B	8/12/08	8/12/08	MO	ML6GC14080812B
Xylenes, total	<150	150	D1	μg/L	50	SW8021B	8/12/08	8/12/08	МО	ML6GC14080812B
TVFHC (C6-C10)	31000	10000	D2	μg/L	50	SW8021B	8/12/08	8/12/08	МО	ML6GC14080812B
Bromofluorobenzene(Surrogate)	131	70-130	S10	%REC	50	SW8021B	8/12/08	8/12/08	МО	ML6GC14080812B
***		PREP M	ETHOD: SV	/3510C-MOD					Test Pe	rformed By: AZM133
C10-C22 DRO	<3.0	3.0		mg/L	1.0	8015MOD	8/12/08	8/12/08	МО	ML6GC13080812B
C22-C32 ORO	<10	10		mg/L	1.0	8015MOD	8/12/08	8/12/08	МО	ML6GC13080812B
o-Terphenyl(Surrogate)	99	70-130		%REC	1.0	8015MOD	8/12/08	8/12/08	МО	ML6GC13080812B



License No. AZM133/AZ0133

CLIENT: Work Order: Bristol Environmental & Engineering

08080174

Lab ID:

00000174

Project Name:

08080174-21 Bond & Bond

Project Number: 48015

Client Sample ID: B-8-GW

Collection Date: 8/12/2008 12:30:00 PM

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analy	st Batch ID
VPCP-1	-	PRE	P METHOD:	SW5030B	V-1/1A			1,000	Test P	erformed By: AZ0133
Methyl tert-butyl ether	<80	80	D1	μg/L	20	SW8021B	8/12/08	8/12/08	МО	ML6GC14080812B
Benzene	<20	20	D1	μg/L	20	SW8021B	8/12/08	8/12/08	МО	ML6GC14080812B
Ethylbenzene	51	40	D1	μg/L	20	SW8021B	8/12/08	8/12/08	МО	ML6GC14080812B
Toluene	<40	40	D1	μg/L	20	SW8021B	8/12/08	8/12/08	МО	ML6GC14080812B
Xylenes, total	<60	60	D1	μg/L	20	SW8021B	8/12/08	8/12/08	МО	ML6GC14080812B
TVFHC (C6-C10)	11000	4000	D2	μg/L	20	SW8021B	8/12/08	8/12/08	МО	ML6GC14080812B
Bromofluorobenzene(Surrogate)	144	70-130	S10	%REC	20	SW8021B	8/12/08	8/12/08	MO	ML6GC14080812B
		PREP I	METHOD: SV	/3510C-MOD					Test Pe	rformed By: AZM133
C10-C22 DRO	<3.0	3.0		mg/L	1.0	8015MOD	8/12/08	8/12/08	МО	ML6GC13080812B
C22-C32 ORO	<10	10		mg/L	1.0	8015MOD	8/12/08	8/12/08	МО	ML6GC13080812B
o-Terphenyl(Surrogate)	100	70-130		%REC	1.0	8015MOD	8/12/08	8/12/08	МО	ML6GC13080812B



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-22

Project Name:

Bond & Bond

Project Number: 48015

Client Sample ID: B-9-7'

Collection Date: 8/12/2008 12:15:00 PM

PREP METHOD: \$899598 Test Performed Spr. AZ0123 Assence \$4.50	Analyte	Result	PQI	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analye	Batch ID
Action								Troparea	7 Didiyaca	лиагуз	Datellip
Serium			PF	REP METHOD:	SW3050B					Test Per	formed By: AZ0133
Cadmium	Arsenic	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:47	MDD	1226
Chromium	Barium	71	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:47	MDD	1226
PREP METHOD: SW74TA	Cadmium	<1.0	1.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:47	MDD	1226
Selenkum	Chromium	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:47	MDD	1226
Silver	Lead	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:47	MDD	1226
Activity Co.	Selenium	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:47	MDD	1226
PREP METHOD: 8015AZF1	Silver	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:47	MDD	1226
PREP METHOD: 815AZR1			PR	EP METHOD:	SW7471A					Test Per	formed By: AZ0133
C10-C22 DRO 200 30 mg/Kg 1.0 8016AZ 811208 811208 MO ML6GC13080812	Mercury	<0.083	0.083		mg/Kg	1.0	SW7471A	8/19/08	8/20/08 16:30	BJL	1213
222-C32 ORO	Hild 6		PR	EP METHOD:	8015AZR1				~~~	Test Peri	formed By: AZM133
222-G32 ORO	C10-C22 DRO	200	30		mg/Kg	1.0	8015AZ	8/12/08	8/12/08	МО	ML6GC13080812
Colorada Colorada	C22-C32 ORO	<100	100			1.0	8015AZ	8/12/08	8/12/08		
Prepheny (Surrogate) 97 70-130 %REC 1.0 8015AZ 8/1208 8/1208 MO ML6GC13080812	C10-C32 SRL	200	130		mg/Kg	1.0	8015AZ	8/12/08	8/12/08		
Activyl tert-butyl ether	o-Terphenyl(Surrogate)	97	70-130		%REC	1.0	8015AZ	8/12/08	8/12/08		ML6GC13080812
Serizene Control Con			Pļ	REP METHOD	: SW5035					Test Peri	ormed By: AZM133
Company Comp	Methyl tert-butyl ether	<0.20	0.20		mg/Kg	1.0	SW8021B	8/12/08	8/12/08	МО	ML6GC14080812
Column	Benzene	<0.050	0.050		mg/Kg	1.0	SW8021B	8/12/08	8/12/08	МО	ML6GC14080812
(v)enes, total	Ethylbenzene	<0.10	0.10		mg/Kg	1.0	SW8021B	8/12/08	8/12/08	MO	ML6GC14080812
Type	Toluene	<0.10	0.10		mg/Kg	1.0	SW8021B	8/12/08	8/12/08	МО	ML6GC14080812
Test Performed By: A20133 Record	Xylenes, total	<0.15	0.15		mg/Kg	1.0	SW8021B	8/12/08	8/12/08	МО	ML6GC14080812
PREP METHOD: SW3545 Icenaphthene Concent Concent	TVFHC (C6-C10)	36	10		mg/Kg	1.0	SW8021B	8/12/08	8/12/08	MO	ML6GC14080812
Accenaphthene	Bromofluorobenzene(Surrogate)	104	64-127		%REC	1.0	SW8021B	8/12/08	8/12/08	МО	ML6GC14080812
Compaphthylene Companish		-,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	PI	REP METHOD	SW3545					Test Peri	ormed By: AZ0133
continue	Acenaphthene	<0.66	0.66	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
	Acenaphthylene	<0.66	0.66	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
enz[a]anthracene	Anthracene	<0.66	0.66	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
enzo[a]pyrene	Azobenzene	<0.66	0.66	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
enzo[a]pyrene <0.66 0.66 D1 mg/Kg 2.0 sW8270C 8/19/08 9/11/08 17:55 JH 1195 enzo[b]fluoranthene <0.66 0.66 D1 mg/Kg 2.0 sW8270C 8/19/08 9/11/08 17:55 JH 1195 enzo[g,h,i]perylene <0.66 0.66 D1 mg/Kg 2.0 sW8270C 8/19/08 9/11/08 17:55 JH 1195 enzo[k]fluoranthene <0.66 0.66 D1 mg/Kg 2.0 sW8270C 8/19/08 9/11/08 17:55 JH 1195 enzo[c acid	Benz[a]anthracene	<0.66	0.66	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
enzo[g,h,i]perylene < 0.66 0.66 D1 mg/Kg 2.0 SW8270C 8/19/08 9/11/08 17:55 JH 1195 enzo[k]fluoranthene < 0.66 0.66 D1 mg/Kg 2.0 SW8270C 8/19/08 9/11/08 17:55 JH 1195 enzoic acid < 10 10 D1 mg/Kg 2.0 SW8270C 8/19/08 9/11/08 17:55 JH 1195 enzyl alcohol < 0.66 0.66 D1 mg/Kg 2.0 SW8270C 8/19/08 9/11/08 17:55 JH 1195 is(2-chloroethoxy)methane < 0.66 0.66 D1 mg/Kg 2.0 SW8270C 8/19/08 9/11/08 17:55 JH 1195	Benzo[a]pyrene	<0.66	0.66	D1		2.0	SW8270C	8/19/08	9/11/08 17:55		1195
enzo[g,h,i]perylene <0.66 0.66 D1 mg/Kg 2.0 SW8270C 8/19/08 9/11/08 17:55 JH 1195 enzo[k]fluoranthene <0.66 0.66 D1 mg/Kg 2.0 SW8270C 8/19/08 9/11/08 17:55 JH 1195 enzoic acid <10 10 D1 mg/Kg 2.0 SW8270C 8/19/08 9/11/08 17:55 JH 1195 enzyl alcohol <0.66 0.66 D1 mg/Kg 2.0 SW8270C 8/19/08 9/11/08 17:55 JH 1195 is(2-chloroethoxy)methane <0.66 0.66 D1 mg/Kg 2.0 SW8270C 8/19/08 9/11/08 17:55 JH 1195	Benzo[b]fluoranthene	<0.66	0.66	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55		1195
enzo(k)fluoranthene <0.66 0.66 D1 mg/Kg 2.0 SW8270C 8/19/08 9/11/08 17:55 JH 1195 enzoic acid <10	Benzo[g,h,i]perylene	<0.66	0.66	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55		1195
enzyl alcohol <0.66 0.66 D1 mg/Kg 2.0 SW8270C 8/19/08 9/11/08 17:55 JH 1195 is(2-chloroethoxy)methane <0.66 0.66 D1 mg/Kg 2.0 SW8270C 8/19/08 9/11/08 17:55 JH 1195	Benzo[k]fluoranthene	<0.66	0.66	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
is(2-chloroethoxy)methane <0.66 0.66 D1 mg/Kg 2.0 SW8270C 8/19/08 9/11/08 17:55 JH 1195	Benzoic acid	<10	10	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
is(2-chloroethoxy)methane <0.66 0.66 D1 mg/Kg 2.0 SW8270C 8/19/08 9/11/08 17:55 JH 1195	Benzyl alcohol	<0.66	0.66	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55		1195
is(2-chloroethyl)ether <0.66 0.66 D1 mg/Kg 2.0 SW8270C 8/19/08 9/11/08 17:55 JH 1195	Bis(2-chloroethoxy)methane	<0.66	0.66	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
	Bis(2-chloroethyl)ether	<0.66	0.66	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-22

Project Name:

Bond & Bond

Project Number: 48015

Client Sample ID: B-9-7'

entitionally to the surface of the s

Collection Date: 8/12/2008 12:15:00 PM

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Bis(2-chloroisopropyl)ether	<0.66	0.66	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
Bis(2-ethylhexyl)phthalate	<0.66	0.66	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
4-Bromophenyl phenyl ether	<0.66	0.66	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
Butyl benzyl phthalate	<0.66	0.66	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
4-Chioro-3-methylphenol	<0.66	0.66	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
4-Chioroaniline	<1.3	1.3	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
2-Chloronaphthalene	< 0.66	0.66	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
2-Chlorophenol	< 0.66	0.66	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
4-Chlorophenyl phenyl ether	< 0.66	0.66	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
Chrysene	<0.66	0.66	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
Di-n-butyl phthalate	< 0.66	0.66	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
Di-n-octyl phthalate	< 0.66	0.66	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
Dibenz[a,h]anthracene	< 0.66	0.66	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
Dibenzofuran	< 0.66	0.66	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
1,2-Dichlorobenzene	< 0.66	0.66	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
1,3-Dichlorobenzene	< 0.66	0.66	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
1,4-Dichlorobenzene	< 0.66	0.66	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
3,3'-Dichlorobenzidine	<3.4	3.4	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
2,4-Dichlorophenol	<1.0	1.0	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
Diethyl phthalate	< 0.66	0.66	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55	. JH	1195
Dimethyl phthalate	<0.66	0.66	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
2,4-Dimethylphenol	<0.66	0.66	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
4,6-Dinitro-2-methylphenol	<4.0	4.0	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
2,4-Dinitrophenol	<4.0	4.0	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
2,4-Dinitrotoluene	<0.66	0.66	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
2,6-Dinitrotoluene	< 0.66	0.66	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
Fluoranthene	< 0.66	0.66	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
Fluorene	<0.66	0.66	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
Hexachlorobenzene	< 0.66	0.66	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
Hexachlorobutadiene	<0.66	0.66	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
Hexachlorocyclopentadiene	<4.0	4.0	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
Hexachloroethane	< 0.66	0.66	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
Indeno[1,2,3-cd]pyrene	<0.66	0.66	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1196
Isophorone	<0.66	0.66	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
2-Methylnaphthalene	<0.66	0.66	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
2-Methylphenol	< 0.66	0.66	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
4-Methylphenol	<1.0	1.0	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
N-Nitrosodi-n-propytamine	<0.66	0.66	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
N-Nitrosodiphenylamine	< 0.66	0.66	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
Naphthalene	< 0.66	0.66	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
Nitrobenzene	<0.66	0.66	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
2-Nitrophenol	<0.66	0.66	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
4-Nitrophenol	<4.0	4.0	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
									· · ·	



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-22

Project Name:

Bond & Bond

Project Number: 48015

Client Sample ID: B-9-7'

Collection Date: 8/12/2008 12:15:00 PM

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Pentachlorophenol	<1.3	1.3	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
Phenanthrene	< 0.66	0.66	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
Phenol	< 0.66	0.66	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
Pyrene	< 0.66	0.66	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
1,2,4-Trichlorobenzene	<1.0	1.0	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
2,4,6-Trichlorophenol	<1.0	1.0	D1	mg/Kg	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
2-Chlorophenol-d4(Surrogate)	1	25-108	N1	%REC	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
1,2-Dichlorobenzene-d4(Surrogate)	4	18-106	N1	%REC	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
2-Fluorobiphenyl(Surrogate)	12	22-111	N1	%REC	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
2-Fluorophenol(Surrogate)	0	25-108	N1	%REC	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
Nitrobenzene-d5(Surrogate)	4	24-108	N1	%REC	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
Phenol-d6(Surrogate)	1	25-109	N1	%REC	2.0	SW8270C	8/19/08	9/11/08 17:55	JН	1195
4-Terphenyl-d14(Surrogate)	22	19-116		%REC	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
2,4,6-Tribromophenol(Surrogate)	2	25-117	N1	%REC	2.0	SW8270C	8/19/08	9/11/08 17:55	JH	1195
		PREP ME	THOD: SW3	3545/SW3550B					Test Perfor	med By: AZ0133
Arocior 1016	<0.033	0.033		mg/Kg	1.0	SW8082	8/18/08	8/22/08 10:18	ТВ	1185
Aroclor 1221	< 0.10	0.10		mg/Kg	1.0	SW8082	8/18/08	8/22/08 10:18	TB	1185
Aroclor 1232	< 0.067	0.067		mg/Kg	1.0	SW8082	8/18/08	8/22/08 10:18	TB	1185
Aroclor 1242	< 0.033	0.033		mg/Kg	1.0	SW8082	8/18/08	8/22/08 10:18	TB	1185
Aroclor 1248	< 0.033	0.033		mg/Kg	1.0	SW8082	8/18/08	8/22/08 10:18	ТВ	1185
Aroclor 1254	< 0.033	0.033		mg/Kg	1.0	SW8082	8/18/08	8/22/08 10:18	TB	1185
Aroclor 1260	< 0.033	0.033		mg/Kg	1.0	SW8082	8/18/08	8/22/08 10:18	TB	1185
Decachlorobiphenyl(Surrogate)	111	31-165		%REC	1.0	SW8082	8/18/08	8/22/08 10:18	TB	1185
TCMX(Surrogate)	90	39-160		%REC	1.0	SW8082	8/18/08	8/22/08 10:18	TB	1185



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-23

Project Name:

Bond & Bond

Project Number: 48015

Client Sample ID: B-9-GW

Collection Date: 8/12/2008 2:14:00 PM

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analys	t Batch ID
		PREI	P METHOD:	SW5030B				Hooke, A seemen	Test Pe	rformed By: AZ0133
Methyl tert-butyl ether	<80	80	D1	µg/L	20	SW8021B	8/12/08	8/12/08	МО	ML6GC14080812B
Benzene	<20	20	D1	μg/L	20	SW8021B	8/12/08	8/12/08	MO	ML6GC14080812B
Ethylbenzene	<40	40	D1	μg/L	20	SW8021B	8/12/08	8/12/08	MO	ML6GC14080812B
Toluene	<40	40	D1	μg/L	20	SW8021B	8/12/08	8/12/08	MO	ML6GC14080812B
Xylenes, total	<60	60	D1	μg/L	20	SW8021B	8/12/08	8/12/08	МО	ML6GC14080812B
TVFHC (C6-C10)	19000	4000	D2	μg/L	20	SW8021B	8/12/08	8/12/08	МО	ML6GC14080812B
Bromofluorobenzene(Surrogate)	123	70-130		%REC	20	SW8021B	8/12/08	8/12/08	МО	ML6GC14080812B
		PREP M	ETHOD: SW	/3510C-MOD			····		Test Per	formed By: AZM133
C10-C22 DRO	<3.0	3.0		mg/L	1.0	8015MOD	8/12/08	8/12/08	MO	ML6GC13080812B
C22-C32 ORO	<10	10		mg/L	1.0	8015MOD	8/12/08	8/12/08		ML6GC13080812B
o-Terphenyl(Surrogate)	96	70-130		%REC	1.0	8015MOD	8/12/08	8/12/08	-	ML6GC13080812B



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-24

Project Name:

Bond & Bond

Project Number: 48015

Client Sample ID: B-10-7'

onem Sample 19. B-10-7

Collection Date: 8/12/2008 2:25:00 PM

Analyte	Result	PQL	Qual Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Batch ID
	NO.	PRE	P METHOD: SW3050B					Test Per	formed By: AZ0133
Arsenic	<5.0	5.0	mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:51	MDD	1226
Barium	150	5.0	mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:51	MDD	1226
Cadmium	<1.0	1.0	mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:51	MDD	1226
Chromium	<5.0	5.0	mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:51	MDD	1226
Lead	<5.0	5.0	mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:51	MDD	1226
Selenium	<5.0	5.0	mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:51	MDD	1226
Silver	<5.0	5.0	mg/Kg	1.0	SW6010B	8/20/08	8/24/08 12:51	MDD	1226
VALVA CONTRACTOR CONTR	WW///\\	PRE	P METHOD: SW7471A					Test Per	formed By: AZ0133
Mercury	<0.083	0.083	mg/Kg	1.0	SW7471A	8/19/08	8/20/08 16:32	BJL	1213
		PRE	P METHOD: 8015AZR1					Test Perf	ormed By: AZM133
C10-C22 DRO	<30	30	mg/Kg	1.0	8015AZ	8/12/08	8/12/08	MO	ML6GC13080812
C22-C32 ORO	<100	100	mg/Kg	1.0	8015AZ	8/12/08	8/12/08		ML6GC13080812
C10-C32 SRL	<130	130	mg/Kg	1.0	8015AZ	8/12/08	8/12/08		ML6GC13080812
o-Terphenyl(Surrogate)	101	70-130	%REC	1.0	8015AZ	8/12/08	8/12/08		ML6GC13080812
	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	PRE	EP METHOD: SW5035	**************************************				Test Perf	ormed By: AZM133
Methyl tert-butyl ether	<0.20	0.20	mg/Kg	1.0	SW8021B	8/12/08	8/12/08	MO	ML6GC14080812
Benzene	<0.050	0.050	mg/Kg	1.0	SW8021B	8/12/08	8/12/08	MO	ML6GC14080812
Ethylbenzene	<0.10	0.10	mg/Kg	1.0	SW8021B	8/12/08	8/12/08	MO	ML6GC14080812
Toluene	<0.10	0.10	mg/Kg	1.0	SW8021B	8/12/08	8/12/08	MO	ML6GC14080812
Xylenes, total	<0.15	0.15	mg/Kg	1.0	SW8021B	8/12/08	8/12/08	MO	ML6GC14080812
TVFHC (C6-C10)	<10	10	mg/Kg	1.0	SW8021B	8/12/08	8/12/08	MO	ML6GC14080812
Bromofluorobenzene(Surrogate)	96	64-127	%REC	1.0	SW8021B	8/12/08	8/12/08	MO	ML6GC14080812
	100 to 10	PRE	P METHOD: SW3545		***************************************			Test Perf	formed By: AZ0133
Acenaphthene	<0.33	0.33	mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
Acenaphthylene	< 0.33	0.33	mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
Anthracene	< 0.33	0.33	mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
Azobenzene	< 0.33	0.33	mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
Benz[a]anthracene	< 0.33	0.33	mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
Benzo[a]pyrene	<0.33	0.33	mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
Benzo[b]fluoranthene	<0.33	0.33	mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
Benzo[g,h,i]perylene	< 0.33	0.33	mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
Benzo[k]fluoranthene	<0.33	0.33	mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
Benzoic acid	<5.0	5.0	mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
Benzyl alcohol	<0.33	0.33	mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
Bis(2-chloroethoxy)methane	<0.33	0.33	mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
Bis(2-chloroethyl)ether	< 0.33	0.33	mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-24

**Project Name:** 

Project Number: 48015

Bond & Bond

Client Sample ID: B-10-7'

Collection Date: 8/12/2008 2:25:00 PM

						Test	Date	Date	***************************************	
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Bis(2-chloroisopropyl)ether	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
Bis(2-ethylhexyl)phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
4-Bromophenyl phenyl ether	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
Butyl benzyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
4-Chloro-3-methylphenoi	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
4-Chloroaniline	<0.66	0.66		mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
2-Chloronaphthalene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
2-Chlorophenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
4-Chlorophenyl phenyl ether	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
Chrysene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
Di-n-butyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
Di-n-octyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
Dibenz[a,h]anthracene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
Dibenzofuran	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
1,2-Dichlorobenzene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
1,3-Dichlorobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
1,4-Dichlorobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
3,3'-Dichlorobenzidine	<1.7	1.7		mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
2,4-Dichlorophenol	< 0.50	0.50		mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
Diethyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
Dimethyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
2,4-Dimethylphenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
4,6-Dinitro-2-methylphenol	<2.0	2.0		mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
2,4-Dinitrophenol	<2.0	2.0		mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JН	1243
2,4-Dinitrotoluene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
2,6-Dinitrotoluene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
Fluoranthene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
Fluorene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
Hexachlorobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
Hexachlorobutadiene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
Hexachlorocyclopentadiene	<2.0	2.0		mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
Hexachloroethane	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
Indeno[1,2,3-cd]pyrene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
Isophorone	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
2-Methylnaphthalene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
2-Methylphenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
4-Methylphenol	< 0.50	0.50		mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
N-Nitrosodi-n-propylamine	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
N-Nitrosodiphenylamine	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
Naphthalene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
Nitrobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
2-Nitrophenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
4-Nitrophenol	<2.0	2.0		mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
				- •				-	~,,	



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-24

Project Name:

Bond & Bond

Project Number: 48015

Client Sample ID: B-10-7'

Collection Date: 8/12/2008 2:25:00 PM

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Pentachiorophenol	<0.67	0.67	700000	mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
Phenanthrene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
Phenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
Pyrene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
1,2,4-Trichlorobenzene	< 0.50	0.50		mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
2,4,6-Trichlorophenol	< 0.50	0.50		mg/Kg	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
2-Chlorophenol-d4(Surrogate)	49	25-108		%REC	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
1,2-Dichlorobenzene-d4(Surrogate)	69	18-106		%REC	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
2-Fluorobiphenyl(Surrogate)	57	22-111		%REC	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
2-Fluorophenol(Surrogate)	33	25-108		%REC	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
Nitrobenzene-d5(Surrogate)	73	24-108		%REC	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
Phenol-d6(Surrogate)	57	25-109		%REC	1.0	SW8270C	8/21/08	8/27/08 21:45	jΗ	1243
4-Terphenyl-d14(Surrogate)	57	19-116		%REC	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
2,4,6-Tribromophenol(Surrogate)	37	25-117		%REC	1.0	SW8270C	8/21/08	8/27/08 21:45	JH	1243
		PREP ME	THOD: SW	1545/SW3550B			-		Test Perfor	med By: AZ0133
Aroclor 1016	<0.034	0.034		mg/Kg	1.0	SW8082	8/21/08	8/29/08 20:11	ТВ	1233
Aroclor 1221	<0.10	0.10		mg/Kg	1.0	SW8082	8/21/08	8/29/08 20:11	TB	1233
Aroclor 1232	< 0.067	0.067		mg/Kg	1.0	SW8082	8/21/08	8/29/08 20:11	TB	1233
Aroclor 1242	< 0.034	0.034		mg/Kg	1.0	SW8082	8/21/08	8/29/08 20:11	TB	1233
Aroclor 1248	< 0.034	0.034		mg/Kg	1.0	SW8082	8/21/08	8/29/08 20:11	ТВ	1233
Aroclor 1254	< 0.034	0.034		mg/Kg	1.0	SW8082	8/21/08	8/29/08 20:11	TB	1233
Aroclor 1260	< 0.034	0.034		mg/Kg	1.0	SW8082	8/21/08	8/29/08 20:11	TB	1233
Decachlorobiphenyl(Surrogate)	91	31-165		%REC	1.0	SW8082	8/21/08	8/29/08 20:11	ТВ	1233
TCMX(Surrogate)	91	39-160		%REC	1.0	SW8082	8/21/08	8/29/08 20:11	TB	1233



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-25

**Project Name:** 

Bond & Bond

Project Number: 48015

Client Sample ID: B-10-GW

**Collection Date:** 8/12/2008 2:50:00 PM

Analyte Resul	t	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analys	t Batch ID
		PREI	METHOD:	SW5030B			/***/-/*******************************		Test Pe	rformed By: AZ0133
Methyl tert-butyl ether	20	20	D1	μg/L	5.0	SW8021B	8/12/08	8/12/08	MO	ML6GC14080812B
Benzene <	5.0	5.0	D1	μg/L	5.0	SW8021B	8/12/08	8/12/08	МО	ML6GC14080812B
Ethylbenzene <	10	10	D1	μg/L	5.0	SW8021B	8/12/08	8/12/08	МО	ML6GC14080812B
Toluene <	10	10	D1	µg/L	5.0	SW8021B	8/12/08	8/12/08	МО	ML6GC14080812B
Xylenes, total <	15	15	D1	μg/L	5.0	SW8021B	8/12/08	8/12/08	МО	ML6GC14080812B
TVFHC (C6-C10) 51	00	1000	D2	μg/L	5.0	SW8021B	8/12/08	8/12/08	МО	ML6GC14080812B
Bromofluorobenzene(Surrogate)	13 7	0-130		%REC	5.0	SW8021B	8/12/08	8/12/08	МО	ML6GC14080812B
		PREP M	ETHOD: SV	/3510C-MOD					Test Pe	formed By: AZM133
C10-C22 DRO 5	.5	3.0		mg/L	1.0	8015MOD	8/12/08	8/12/08	МО	ML6GC13080812B
C22-C32 ORO <	10	10		mg/L	1.0	8015MOD	8/12/08	8/12/08		ML6GC13080812B
o-Terphenyl(Surrogate)	98 70	0-130		%REC	1.0	8015MOD	8/12/08	8/12/08	MO	ML6GC13080812B



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

08080174

Work Order: Lab ID:

Project Name:

08080174-26

Project Number: 48015

Bond & Bond

Client Sample ID: B-11-9'

Collection Date: 8/13/2008 9:35:00 AM

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analys	Batch ID
	7-7-7-1	PR	EP METHOD:	SW3050B						formed By: AZ0133
A 1									, , , , , , , , , , , , , , , , , , , ,	o.mod by: FE0100
Arsenic	<5.0			mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:02	MDD	1226
Barium	170			mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:02	MDD	1226
Cadmium	<1.0			mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:02	MDD	1226
Chromium	7.5			mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:02	MDD	1226
Lead	91			mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:02	MDD	1226
Selenium	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:02	MDD	1226
Silver	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:02	MDD	1226
	ark market and have	PRI	EP METHOD:	SW7471A					Test Per	formed By: AZ0133
Mercury	<0.083	0.083		mg/Kg	1.0	SW7471A	8/19/08	8/20/08 16:33	BJL	1213
		PRE	P METHOD:	8015AZR1					Test Peri	ormed By: AZM133
C10-C22 DRO	<30	30		mg/Kg	1.0	8015AZ	8/13/08	8/13/08	МО	ML6GC13080813
C22-C32 ORO	<100	100		mg/Kg	1.0	8015AZ	8/13/08	8/13/08		ML6GC13080813
C10-C32 SRL	<130	130		mg/Kg	1.0	8015AZ	8/13/08	8/13/08		ML6GC13080813
o-Terphenyl(Surrogate)	98	70-130		%REC	1.0	8015AZ	8/13/08	8/13/08		ML6GC13080813
		PR	EP METHOD	SW5035					Test Pert	ormed By: AZM133
Methyl tert-butyl ether	<0.20	0.20		mg/Kg	1.0	SW8021B	8/13/08	8/13/08	MO	ML6GC14080813
Benzene	<0.050	0.050		mg/Kg	1.0	SW8021B	8/13/08	8/13/08		ML6GC14080813
Ethylbenzene	<0.10	0.10		mg/Kg	1.0	SW8021B	8/13/08	8/13/08		ML6GC14080813
Toluene	<0.10	0.10		mg/Kg	1.0	SW8021B	8/13/08	8/13/08		ML6GC14080813
Xylenes, total	<0.15	0.15		mg/Kg	1.0	SW8021B	8/13/08	8/13/08		ML6GC14080813
TVFHC (C6-C10)	<10	10		mg/Kg	1.0	SW8021B	8/13/08	8/13/08		ML6GC14080813
Bromofluorobenzene(Surrogate)	87	64-127		%REC	1.0	SW8021B	8/13/08	8/13/08		VIL6GC14080813
PARTITION (VALUE	***************************************	PR.	EP METHOD:	SW3545	11/1001				Test Peri	ormed By: AZ0133
Acenaphthene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243
Acenaphthylene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243
Anthracene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243
Azobenzene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243
Benz[a]anthracene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12	JН	1243
Benzo[a]pyrene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243
Benzo[b]fluoranthene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243
Benzo[g,h,i]perylene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12	JН	1243
Benzo[k]fluoranthene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243
Benzoic acid	<25	25	D1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243
Benzyl alcohol	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243
Bis(2-chloroethoxy)methane	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243
Bis(2-chloroethyf)ether	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-26

Project Name:

Bond & Bond

**Project Number: 48015** 

Client Sample ID: B-11-9'

Collection Date: 8/13/2008 9:35:00 AM

						Test	Date	Date	WWW	
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Bis(2-chloroisopropyl)ether	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243
Bis(2-ethylhexyl)phthalate	<1.7	1.7	D1,V1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243
4-Bromophenyl phenyl ether	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243
Butyl benzyl phthalate	<1.7	1.7	D1,V1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243
4-Chloro-3-methylphenol	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243
4-Chloroaniline	<3.3	3.3	D1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243
2-Chloronaphthalene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243
2-Chlorophenol	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243
4-Chlorophenyl phenyl ether	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243
Chrysene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243
Di-n-butyl phthalate	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243
Di-n-octyl phthalate	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243
Dibenz[a,h]anthracene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12	JН	1243
Dibenzofuran	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243
1,2-Dichlorobenzene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243
1,3-Dichlorobenzene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243
1,4-Dichlorobenzene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243
3,3`-Dichlorobenzidine	<8.5	8.5	D1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243
2,4-Dichlorophenol	<2.5	2.5	D1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243
Diethyl phthalate	<1.7	1,7	D1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243
Dimethyl phthalate	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243
2,4-Dimethylphenol	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243
4,6-Dinitro-2-methylphenol	<10	10	D1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243
2,4-Dinitrophenol	<10	10	D1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243
2,4-Dinitrotoluene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243
2,6-Dinitrotoluene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243
Fluoranthene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243
Fluorene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243
Hexachlorobenzene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243
Hexachlorobutadiene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243
Hexachlorocyclopentadiene	<10	10	D1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243
Hexachloroethane	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243
Indeno[1,2,3-cd]pyrene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243
Isophorone	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243
2-Methylnaphthalene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243
2-Methylphenol	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243
4-Methylphenol	<2.5	2.5	D1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12	JA JH	1243
N-Nitrosodi-n-propylamine	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12	JH JH	1243
N-Nitrosodiphenylamine	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12		1243
Naphthalene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12	JH 10	
Nitrobenzene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12	JH IU	1243
2-Nitrophenol	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243
4-Nitrophenol	<10	10	D1	mg/Kg	5.0	SW8270C	8/21/08		JH	1243
	~10	10	J:	mg/ng	0.0	SVVOZIUU	0/21/08	9/16/08 23:12	JH	1243



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

Project Name:

08080174-26

Project Number: 48015

Bond & Bond

Client Sample ID: B-11-9'

Collection Date: 8/13/2008 9:35:00 AM

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Batch ID
Pentachlorophenol	<3.4	3.4	D1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243
Phenanthrene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243
Phenol	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243
Pyrene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243
1,2,4-Trichlorobenzene	<2.5	2.5	D1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243
2,4,6-Trichlorophenol	<2.5	2.5	D1	mg/Kg	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243
2-Chlorophenol-d4(Surrogate)	65	25-108		%REC	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243
1,2-Dichlorobenzene-d4(Surrogate)	64	18-106		%REC	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243
2-Fluorobiphenyl(Surrogate)	63	22-111		%REC	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243
2-Fluorophenol(Surrogate)	53	25-108		%REC	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243
Nitrobenzene-d5(Surrogate)	65	24-108		%REC	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243
Phenol-d6(Surrogate)	66	25-109		%REC	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243
4-Terphenyl-d14(Surrogate)	72	19-116		%REC	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243
2,4,6-Tribromophenol(Surrogate)	66	25-117		%REC	5.0	SW8270C	8/21/08	9/16/08 23:12	JH	1243
		PREP ME	THOD: SW3	545/SW3550B		····			Test Perfor	med By: AZ0133
Arocior 1016	<0.034	0.034		mg/Kg	1.0	SW8082	8/21/08	8/29/08 20:42	TB	1233
Arodor 1221	<0.10	0.10		mg/Kg	1.0	SW8082	8/21/08	8/29/08 20:42	TB	1233
Aroclor 1232	< 0.067	0.067		mg/Kg	1.0	SW8082	8/21/08	8/29/08 20:42	TB	1233
Aroclor 1242	< 0.034	0.034		mg/Kg	1.0	SW8082	8/21/08	8/29/08 20:42	TB	1233
Aroclor 1248	< 0.034	0.034		mg/Kg	1.0	SW8082	8/21/08	8/29/08 20:42	ТВ	1233
Aroclor 1254	< 0.034	0.034		mg/Kg	1.0	SW8082	8/21/08	8/29/08 20:42	ТВ	1233
Aroclor 1260	<0.034	0.034		mg/Kg	1.0	SW8082	8/21/08	8/29/08 20:42	ТВ	1233
Decachlorobiphenyl(Surrogate)	71	31-165		%REC	1.0	SW8082	8/21/08	8/29/08 20:42	TB	1233
TCMX(Surrogate)	85	39-160		%REC	1.0	SW8082	8/21/08	8/29/08 20:42	ΤB	1233



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-27

**Project Name:** 

Bond & Bond

Project Number: 48015

Client Sample ID: B-11-GW

Collection Date: 8/13/2008 10:10:00 AM

Matrix: Water

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analys	et Batch ID
9444491	745 Venda ( )	PREI	P METHOD:	SW5030B			TV-order (1		Test Pe	erformed By: AZ0133
Methyl tert-butyl ether	<4.0	4.0		μg/L	1.0	SW8021B	8/13/08	8/13/08	МО	ML6GC14080813B
Benzene	<1.0	1.0		μg/L	1.0	SW8021B	8/13/08	8/13/08	MO	ML6GC14080813B
Ethylbenzene	<2.0	2.0		μg/L	1.0	SW8021B	8/13/08	8/13/08	MO	ML6GC14080813B
Toluene	<2.0	2.0		µg/L	1.0	SW8021B	8/13/08	8/13/08	MO	ML6GC14080813B
Xylenes, total	<3.0	3.0		µg/L	1.0	SW8021B	8/13/08	8/13/08	MO	ML6GC14080813B
TVFHC (C6-C10)	<200	200		µg/L	1.0	SW8021B	8/13/08	8/13/08	MO	ML6GC14080813B
Bromofluorobenzene(Surrogate)	114	70-130		%REC	1.0	SW8021B	8/13/08	8/13/08	МО	ML6GC14080813B
748m	The state of the s	PREP M	ETHOD: SW	/3510C-MOD		THIRD THE PARTY OF			Test Pe	rformed By: AZM133
C10-C22 DRO	<3.0	3.0		mg/L	1.0	8015MOD	8/13/08	8/13/08	МО	ML6GC13080813B
C22-C32 ORO	<10	10		mg/L	1.0	8015MOD	8/13/08	8/13/08	MO	ML6GC13080813B
o-Terphenyl(Surrogate)	93	70-130		%REC	1.0	8015MOD	8/13/08	8/13/08	МО	ML6GC13080813B



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-28

**Project Name:** 

Bond & Bond

Project Number: 48015

Client Sample ID: B-12-7

Collection Date: 8/13/2008 10:15:00 AM

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyza	- Datah ID
							1 repared	Anaryzed	Anarysi	Batch ID
		PRE	P METHOD: SW30	)50B					Test Per	formed By: AZ0133
Arsenic	<5.0	5.0	m	g/Kg	1.0	SW6010B	8/20/08	8/24/08 13:06	MDD	1226
Barium	45	5.0	m	g/Kg	1.0	SW6010B	8/20/08	8/24/08 13:06	MDD	1226
Cadmium	<1.0	1.0	m	g/Kg	1.0	SW6010B	8/20/08	8/24/08 13:06	MDD	1226
Chromium	<5.0	5.0	m	g/Kg	1.0	SW6010B	8/20/08	8/24/08 13:06	MDD	1226
Lead	<5.0	5.0	m	g/Kg	1.0	SW6010B	8/20/08	8/24/08 13:06	MDD	1226
Selenium	<5.0	5.0	m	g/Kg	1.0	SW6010B	8/20/08	8/24/08 13:06	MDD	1226
Silver	<5.0	5.0	m	g/Kg	1.0	SW6010B	8/20/08	8/24/08 13:06	MDD	1226
Principle of the second of the		PRE	P METHOD: SW74	171A	·				Test Per	formed By: AZ0133
Mercury	<0.083	0.083	mę	g/Kg	1.0	SW7471A	8/19/08	8/20/08 16:34	BJL	1213
		PREF	P METHOD: 8015A	ZR1		**		100-22-21-2000	Test Perf	ormed By: AZM133
C10-G22 DRO	<30	30	mo	g/Kg	1.0	8015AZ	8/13/08	8/13/08	МО	ML6GC13080813
C22-C32 ORO	<100	100		g/Kg	1.0	8015AZ	8/13/08	8/13/08		ML6GC13080813
C10-C32 SRL	<130	130		g/Kg	1.0	8015AZ	8/13/08	8/13/08		ML6GC13080813
o-Terphenyl(Surrogate)	100	70-130		REC	1.0	8015AZ	8/13/08	8/13/08		ML6GC13080813
		PRE	P METHOD: SW56	035				9944	Test Perf	ormed By: AZM133
Methyl tert-butyl ether	<0.20	0.20	mç	g/Kg	1.0	SW8021B	8/13/08	8/13/08	МО	ML6GC14080813
Benzene	<0.050	0.050	mg	g/Kg	1.0	SW8021B	8/13/08	8/13/08	MO	ML6GC14080813
Ethylbenzene	<0.10	0.10	mg	g/Kg	1.0	SW8021B	8/13/08	8/13/08	МО	ML6GC14080813
Toluene	<0.10	0.10	mç	g/Kg	1.0	SW8021B	8/13/08	8/13/08	MO	ML6GC14080813
Xylenes, total	<0.15	0.15	mg	g/Kg	1.0	SW8021B	8/13/08	8/13/08	МО	ML6GC14080813
TVFHC (C6-C10)	<10	10	mg	g/Kg	1.0	SW8021B	8/13/08	8/13/08	МО	ML6GC14080813
Bromofluorobenzene(Surrogate)	86	64-127	%F	REC	1.0	SW8021B	8/13/08	8/13/08	МО	ML6GC14080813
	Assessment	PRE	P METHOD: SW3	545	***************************************				Test Perf	ormed By: AZ0133
Acenaphthene	<0.33	0.33	mg	g/Kg	1.0	.SW8270C	8/21/08	9/8/08 19:24	JH	1243
Acenaphthylene	< 0.33	0.33	mg	g/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
Anthracene	<0.33	0.33	mg	g/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
Azobenzene	< 0.33	0.33	mg	g/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
Benz[a]anthracene	< 0.33	0.33	mg	g/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
Benzo[a]pyrene	< 0.33	0.33	mg	g/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
Benzo[b]fluoranthene	< 0.33	0.33	mg	g/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
Benzo[g,h,i]perylene	<0.33	0.33	mg	g/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
Benzo[k]fluoranthene	<0.33	0.33	mg	J/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
Benzoic acid	<5.0	5.0	mg	g/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
Benzyl alcohol	< 0.33	0.33	mg	ı/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
Bis(2-chloroethoxy)methane	<0.33	0.33		g/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
Bis(2-chloroethyl)ether	<0.33	0.33	mg	ı/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-28

Project Name:

Bond & Bond

Project Number: 48015

Client Sample ID: B-12-7

Collection Date: 8/13/2008 10:15:00 AM

				· · · · · · · · · · · · · · · · · · ·		Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Bis(2-chloroisopropyl)ether	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
Bis(2-ethylhexyl)phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
4-Bromophenyl phenyl ether	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
Butyl benzyl phthalate	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
4-Chioro-3-methylphenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
4-Chloroaniline	<0.66	0.66		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
2-Chioronaphthalene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
2-Chlorophenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
4-Chlorophenyl phenyl ether	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
Chrysene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
Di-n-butyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
Di-n-octyl phthalate	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
Dibenz[a,h]anthracene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
Dibenzofuran	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
1,2-Dichlorobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
1,3-Dichlorobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
1,4-Dichlorobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
3,3`-Dichlorobenzidine	<1.7	1.7		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
2,4-Dichlorophenol	< 0.50	0.50		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
Diethyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
Dimethyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
2,4-Dimethylphenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
4,6-Dinitro-2-methylphenol	<2.0	2.0		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
2,4-Dinitrophenol	<2.0	2.0		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
2,4-Dinitrotoluene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
2,6-Dinitrotoluene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
Fluoranthene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
Fluorene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
Hexachlorobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
Hexachlorobutadiene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
Hexachlorocyclopentadiene	<2.0	2.0		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
Hexachloroethane	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
Indeno[1,2,3-cd]pyrene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
Isophorone	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
2-Methylnaphthalene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
2-Methylphenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
4-Methylphenol	< 0.50	0.50		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
N-Nitrosodi-n-propylamine	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
N-Nitrosodiphenylamine	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
Naphthalene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
Nitrobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
2-Nitrophenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
4-Nitrophenol	<2.0	2.0		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-28

Project Name:

Bond & Bond

Project Number: 48015

Client Sample ID: B-12-7

Collection Date: 8/13/2008 10:15:00 AM

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Batch ID
Pentachlorophenol	< 0.67	0.67		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
Phenanthrene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
Phenol	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
Pyrene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
1,2,4-Trichlorobenzene	<0.50	0.50		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
2,4,6-Trichlorophenol	<0.50	0.50		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
2-Chlorophenol-d4(Surrogate)	63	25-108		%REC	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
1,2-Dichlorobenzene-d4(Surrogate)	57	18-106		%REC	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
2-Fluorobiphenyl(Surrogate)	43	22-111		%REC	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
2-Fluorophenol(Surrogate)	56	25-108		%REC	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
Nitrobenzene-d5(Surrogate)	60	24-108		%REC	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
Phenol-d6(Surrogate)	61	25-109		%REC	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
4-Terphenyl-d14(Surrogate)	60	19-116		%REC	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
2,4,6-Tribromophenol(Surrogate)	69	25-117		%REC	1.0	SW8270C	8/21/08	9/8/08 19:24	JH	1243
		PREP ME	THOD: SW	3545/SW3550B					Test Perfor	med By: AZ0133
Arocior 1016	<0.033	0.033		mg/Kg	1.0	SW8082	8/21/08	8/29/08 21:13	TB	1233
Aroclor 1221	<0.10	0.10		mg/Kg	1.0	SW8082	8/21/08	8/29/08 21:13	ТВ	1233
Arodor 1232	< 0.067	0.067		mg/Kg	1.0	SW8082	8/21/08	8/29/08 21:13	TB	1233
Arodor 1242	< 0.033	0.033		mg/Kg	1.0	SW8082	8/21/08	8/29/08 21:13	TB	1233
Arodor 1248	< 0.033	0.033		mg/Kg	1.0	SW8082	8/21/08	8/29/08 21:13	TB	1233
Aroclor 1254	< 0.033	0.033		mg/Kg	1.0	SW8082	8/21/08	8/29/08 21:13	ТВ	1233
Arodor 1260	< 0.033	0.033		mg/Kg	1.0	SW8082	8/21/08	8/29/08 21:13	TB	1233
Decachlorobiphenyl(Surrogate)	77	31-165		%REC	1.0	SW8082	8/21/08	8/29/08 21:13	TB	1233
TCMX(Surrogate)	78	39-160		%REC	1.0	SW8082	8/21/08	8/29/08 21:13	TB	1233



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Client Sample ID: B-12-GW

Work Order:

08080174

Lab ID:

Collection Date: 8/13/2008 1:00:00 PM

Project Name:

08080174-29 Bond & Bond

Matrix: Water

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analys	st Batch ID
		PREI	P METHOD:	SW5030B			714.70		Test Pe	erformed By: AZ0133
Methyl tert-butyl ether	<4.0	4.0		μg/L	1.0	SW8021B	8/13/08	8/13/08	MO	ML6GC14080813B
Benzene	<1.0	1.0		μg/L	1.0	SW8021B	8/13/08	8/13/08	МО	ML6GC14080813B
Ethylbenzene	<2.0	2.0		μg/L	1.0	SW8021B	8/13/08	8/13/08	MO	ML6GC14080813B
Toluene	<2.0	2.0		μg/L	1.0	SW8021B	8/13/08	8/13/08	МО	ML6GC14080813B
Xylenes, total	<3.0	3.0		μg/L	1.0	SW8021B	8/13/08	8/13/08	МО	ML6GC14080813B
TVFHC (C6-C10)	<200	200		μg/L	1.0	SW8021B	8/13/08	8/13/08	MO	ML6GC14080813B
Bromofluorobenzene(Surrogate)	112	70-130		%REC	1.0	SW8021B	8/13/08	8/13/08	МО	ML6GC14080813B
		PREP M	ETHOD: SW	3510C-MOD					Test Pe	rformed By: AZM133
C10-C22 DRO	<3.0	3.0		mg/L	1.0	8015MOD	8/13/08	8/13/08	МО	ML6GC13080813B
C22-C32 ORO	<10	10		mg/L	1.0	8015MOD	8/13/08	8/13/08	МО	ML6GC13080813B
o-Terphenyl(Surrogate)	95	70-130		%REC	1.0	8015MOD	8/13/08	8/13/08	MO	ML6GC13080813B



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-30

Project Name:

Project Number: 48015

Bond & Bond

Client Sample ID: B-12-2'

Collection Date: 8/13/2008 10:25:00 AM

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analys	t Batch ID
		PRE	P METHOD:	SW3050B			71177.6.		Test Per	formed By: AZ0133
Arsenic	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:10	MDD	1226
Barium	180	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:10	MDD	1226
Cadmium	<1.0	1.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:10	MDD	1226
Chromium	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:10	MDD	1226
Lead	10	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:10	MDD	1226
Selenium	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:10	MDD	1226
Silver	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:10	MDD	1226
	1 1 2 2 - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PRE	P METHOD:	SW7471A					Test Per	formed By: AZ0133
Mercury	<0.083	0.083		mg/Kg	1.0	SW7471A	8/19/08	8/20/08 16:35	BJL	1213
		PRE	P METHOD:	8015AZR1		<del></del>			Test Per	formed By: AZM133
C10-C22 DRO	<30	30		mg/Kg	1.0	8015AZ	8/13/08	8/13/08	МО	ML6GC13080813
C22-C32 ORO	<100	100		mg/Kg	1.0	8015AZ	8/13/08	8/13/08		ML6GC13080813
C10-C32 SRL	<130	130		mg/Kg	1.0	8015AZ	8/13/08	8/13/08	МО	ML6GC13080813
o-Terphenyl(Surrogate)	105	70-130		%REC	1.0	8015AZ	8/13/08	8/13/08		ML6GC13080813
	·····	PRE	P METHOD:	SW5035					Test Pen	formed By: AZM133
Methyl tert-butyl ether	<0.20	0.20		mg/Kg	1.0	SW8021B	8/13/08	8/13/08	МО	ML6GC14080813
Benzene	<0.050	0.050		mg/Kg	1.0	SW8021B	8/13/08	8/13/08	MO	ML6GC14080813
Ethylbenzene	<0.10	0.10		mg/Kg	1.0	SW8021B	8/13/08	8/13/08	МО	ML6GC14080813
Toluene	<0.10	0.10		mg/Kg	1.0	SW8021B	8/13/08	8/13/08		ML6GC14080813
Xylenes, total	<0.15	0.15		mg/Kg	1.0	SW8021B	8/13/08	8/13/08	МО	ML6GC14080813
TVFHC (C6-C10)	<10	10		mg/Kg	1.0	SW8021B	8/13/08	8/13/08	МО	ML6GC14080813
Bromofluorobenzene(Surrogate)	101	64-127		%REC	1.0	SW8021B	8/13/08	8/13/08	МО	ML6GC14080813
- And	7,3,111	PRE	P METHOD:	SW3545					Test Peri	formed By: AZ0133
Acenaphthene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
Acenaphthylene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
Anthracene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
Azobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
Benz[a]anthracene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
Benzo[a]pyrene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
Benzo[b]fluoranthene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
Benzo[g,h,i]perylene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
Benzo[k]fluoranthene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
Benzoic acid	<5.0	5.0		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
Benzyl alcohol	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
Bis(2-chloroethoxy)methane	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
Bis(2-chloroethyl)ether	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-30

**Project Name:** 

Bond & Bond

Project Number: 48015

Client Sample ID: B-12-2'

entite Sample 1D. B-12-2

Collection Date: 8/13/2008 10:25:00 AM

Analyte	D can't	DOI.	Overal	TJ14.	DE	Test	Date	Date		
*	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Bis(2-chloroisopropyl)ether	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
Bis(2-ethylhexyl)phthalate	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
4-Bromophenyl phenyl ether	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
Butyl benzyl phthalate	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
4-Chloro-3-methylphenol	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
4-Chloroaniline	<0.66	0.66		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
2-Chloronaphthalene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
2-Chlorophenol	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
4-Chlorophenyl phenyl ether	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
Chrysene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
Di-n-butyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
Di-n-octyl phthalate	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
Dibenz[a,h]anthracene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
Dibenzofuran	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
1,2-Dichlorobenzene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
1,3-Dichlorobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
1,4-Dichlorobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
3,3`-Dichlorobenzidine	<1.7	1.7		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
2,4-Dichlorophenol	< 0.50	0.50		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
Diethyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
Dimethyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
2,4-Dimethylphenol	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
4,6-Dinitro-2-methylphenol	<2.0	2.0		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
2,4-Dinitrophenol	<2.0	2.0		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
2,4-Dinitrotoluene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
2,6-Dinitrotoluene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
Fluoranthene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
Fluorene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
Hexachlorobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
Hexachlorobutadiene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
Hexachlorocyclopentadiene	<2.0	2.0		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
-lexachloroethane	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
ndeno[1,2,3-cd]pyrene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
sophorone	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
2-Methylnaphthalene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
2-Methylphenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
l-Methylphenol	<0.50	0.50		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
N-Nitrosodi-n-propylamine	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
N-Nitrosodiphenylamine	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
laphthalene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
Vitrobenzene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
-Nitrophenol	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
1-Nitrophenol	<2.0	2.0		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

00000177

**Project Name:** 

08080174-30 Bond & Bond

Project Number: 48015

Client Sample ID: B-12-2'

**Collection Date:** 8/13/2008 10:25:00 AM

0.20

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Batch ID
Pentachlorophenol	<0.67	0.67		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
Phenanthrene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
Phenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
Pyrene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
1,2,4-Trichlorobenzene	< 0.50	0.50		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
2,4,6-Trichlorophenol	<0.50	0.50		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
2-Chlorophenoi-d4(Surrogate)	19	25-108	N1	%REC	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
1,2-Dichlorobenzene-d4(Surrogate)	22	18-106		%REC	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
2-Fluorobiphenyl(Surrogate)	22	22-111		%REC	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
2-Fluorophenol(Surrogate)	14	25-108	N1	%REC	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
Nitrobenzene-d5(Surrogate)	22	24-108	N1	%REC	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
Phenol-d6(Surrogate)	20	25-109	N1	%REC	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
4-Terphenyl-d14(Surrogate)	25	19-116		%REC	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
2,4,6-Tribromophenol(Surrogate)	17	25-117	N1	%REC	1.0	SW8270C	8/21/08	9/8/08 13:54	JH	1243
		PREP ME	THOD: SW3	545/SW3550B	<del></del>				Test Perfor	med By: AZ0133
Aroclor 1016	<0.034	0.034		mg/Kg	1.0	SW8082	8/21/08	8/29/08 21:45	ТВ	1233
Arodor 1221	<0.10	0.10		mg/Kg	1.0	SW8082	8/21/08	8/29/08 21:45	TB	1233
Aroclor 1232	< 0.067	0.067		mg/Kg	1.0	SW8082	8/21/08	8/29/08 21:45	TB	1233
Aroclor 1242	< 0.034	0.034		mg/Kg	1.0	SW8082	8/21/08	8/29/08 21:45	ТВ	1233
Arodor 1248	< 0.034	0.034		mg/Kg	1.0	SW8082	8/21/08	8/29/08 21:45	TB	1233
Aroclor 1254	< 0.034	0.034		mg/Kg	1.0	SW8082	8/21/08	8/29/08 21:45	TB	1233
Aroclor 1260	< 0.034	0.034		mg/Kg	1.0	SW8082	8/21/08	8/29/08 21:45	ТВ	1233
Decachlorobiphenyl(Surrogate)	82	31-165		%REC	1.0	SW8082	8/21/08	8/29/08 21:45	TB	1233
TCMX(Surrogate)	94	39-160		%REC	1.0	SW8082	8/21/08	8/29/08 21:45	TB	1233



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-31

**Project Name:** 

Bond & Bond

Project Number: 48015

Client Sample ID: B-13-7'

Collection Date: 8/13/2008 3:40:00 PM

Analyte	Result	DOI.	Oval	Tīmita	DE	Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analys	t Batch ID
		PREI	METHOD:	SW3050B					Test Per	formed By: AZ0133
Arsenic	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:14	MDD	1226
Barium	120	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:14	MDD	1226
Cadmium	<1.0	1.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:14	MDD	1226
Chromium	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:14	MDD	1226
Lead	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:14	MDD	1226
Selenium	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:14	MDD	1226
Silver	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:14	MDD	1226
	×	PREI	METHOD:	SW7471A					Test Per	formed By: AZ0133
Mercury	<0.083	0.083		mg/Kg	1.0	SW7471A	8/19/08	8/20/08 16:37	BJL	1213
		PREP	METHOD:	8015AZR1					Test Per	formed By: AZM133
C10-C22 DRO	<30	30		mg/Kg	1.0	8015AZ	8/13/08	8/13/08	МО	ML6GC13080813
C22-C32 ORO	<100	100		mg/Kg	1.0	8015AZ	8/13/08	8/13/08	МО	ML6GC13080813
C10-C32 SRL	<130	130		mg/Kg	1.0	8015AZ	8/13/08	8/13/08	МО	ML6GC13080813
o-Terphenyl(Surrogate)	102	70-130		%REC	1.0	8015AZ	8/13/08	8/13/08	МО	ML6GC13080813
		PRE	P METHOD.	SW5035	····				Test Per	formed By: AZM133
Methyl tert-butyl ether	<0.20	0.20		mg/Kg	1.0	SW8021B	8/13/08	8/13/08	МО	ML6GC14080813
Benzene	<0.050	0.050		mg/Kg	1.0	SW8021B	8/13/08	8/13/08	MO	ML6GC14080813
Ethylbenzene	<0.10	0.10		mg/Kg	1.0	SW8021B	8/13/08	8/13/08	MO	ML6GC14080813
Toluene	<0.10	0.10		mg/Kg	1.0	SW8021B	8/13/08	8/13/08	МО	ML6GC14080813
Xylenes, total	<0.15	0.15		mg/Kg	1.0	SW8021B	8/13/08	8/13/08	MO	ML6GC14080813
TVFHC (C6-C10)	<10	10		mg/Kg	1.0	SW8021B	8/13/08	8/13/08	МО	ML6GC14080813
Bromofluorobenzene(Surrogate)	95	64-127		%REC	1.0	SW8021B	8/13/08	8/13/08	MO	ML6GC14080813
V	7.11/04/20	PREI	P METHOD:	SW3545					Test Per	formed By: AZ0133
Acenaphthene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
Acenaphthylene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
Anthracene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
Azobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
Benz[a]anthracene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
Benzo[a]pyrene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
Benzo[b]fluoranthene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
Benzo[g,h,i]perylene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
Benzo[k]fluoranthene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
Benzoic acid	<5.0	5.0		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
Benzyl alcohol	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
Bis(2-chloroethoxy)methane	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
Bis(2-chloroethyl)ether	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-31

Project Name:

Bond & Bond

Project Number: 48015

Client Sample ID: B-13-7'

The sample ID: D 13 ,

Collection Date: 8/13/2008 3:40:00 PM

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Bis(2-chloroisopropyl)ether	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
Bis(2-ethylhexyl)phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
4-Bromophenyl phenyl ether	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
Butyl benzyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
4-Chloro-3-methylphenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
4-Chloroaniline	<0.66	0.66		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
2-Chloronaphthalene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
2-Chiorophenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
4-Chlorophenyl phenyl ether	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
Chrysene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
Di-n-butyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
Di-n-octyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
Dibenz[a,h]anthracene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
Dibenzofuran	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
1,2-Dichlorobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
1,3-Dichlorobenzene	< 0.33	0.33	-	mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
1,4-Dichiorobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
3,3'-Dichlorobenzidine	<1.7	1.7		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
2,4-Dichlorophenol	< 0.50	0.50		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
Diethyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
Dimethyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
2,4-Dimethylphenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
4,6-Dinitro-2-methylphenol	<2.0	2.0		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
2,4-Dinitrophenol	<2.0	2.0		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
2,4-Dinitrotoluene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
2,6-Dinitrotoluene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
Fluoranthene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
Fluorene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
Hexachlorobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
Hexachlorobutadiene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
Hexachlorocyclopentadiene	<2.0	2.0		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
Hexachloroethane	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
Indeno[1,2,3-cd]pyrene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
Isophorone	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
2-Methylnaphthalene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
2-Methylphenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
4-Methylphenol	< 0.50	0.50		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
N-Nitrosodi-n-propylamine	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	JH ·	1243
N-Nitrosodiphenylamine	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
Naphthalene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
Vitrobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
2-Nitrophenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
•					1.0	0	OFE 1100	210100 1T.U1	JIT	1240



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-31

Project Name:

Bond & Bond

Project Number: 48015

Client Sample ID: B-13-7'

**Collection Date:** 8/13/2008 3:40:00 PM

	Th. 1.					Test	Date	Date		*
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Pentachiorophenol	< 0.67	0.67		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
Phenanthrene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	HL	1243
Phenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
Pyrene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
1,2,4-Trichlorobenzene	< 0.50	0.50		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
2,4,6-Trichlorophenol	<0.50	0.50		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
2-Chlorophenol-d4(Surrogate)	54	25-108		%REC	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
1,2-Dichlorobenzene-d4(Surrogate)	58	18-106		%REC	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
2-Fluorobiphenyl(Surrogate)	47	22-111		%REC	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
2-Fluorophenol(Surrogate)	43	25-108		%REC	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
Nitrobenzene-d5(Surrogate)	61	24-108		%REC	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
Phenol-d6(Surrogate)	55	25-109		%REC	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
4-Terphenyl-d14(Surrogate)	52	19-116		%REC	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
2,4,6-Tribromophenol(Surrogate)	56	25-117		%REC	1.0	SW8270C	8/21/08	9/8/08 14:31	JH	1243
		PREP ME	THOD: SW3	545/SW3550B			· · · · · · · · · · · · · · · · · · ·		Test Perfor	med By: AZ0133
Arodor 1016	<0.033	0.033		mg/Kg	0.99	SW8082	8/21/08	8/29/08 22:16	TB	1233
Aroclor 1221	<0.099	0.099		mg/Kg	0.99	SW8082	8/21/08	8/29/08 22:16	TB	1233
Arodor 1232	<0.066	0.066		mg/Kg	0.99	SW8082	8/21/08	8/29/08 22:16	TB	1233
Aroclor 1242	< 0.033	0.033		mg/Kg	0.99	SW8082	8/21/08	8/29/08 22:16	TB	1233
Aroclar 1248	< 0.033	0.033		mg/Kg	0.99	SW8082	8/21/08	8/29/08 22:16	TB	1233
Arocior 1254	< 0.033	0.033		mg/Kg	0.99	SW8082	8/21/08	8/29/08 22:16	ТВ	1233
Aroclor 1260	< 0.033	0.033		mg/Kg	0.99	SW8082	8/21/08	8/29/08 22:16	TB	1233
Decachlorobiphenyl(Surrogate)	71	31-165		%REC	0.99	SW8082	8/21/08	8/29/08 22:16	TB	1233
TCMX(Surrogate)	74	39-160		%REC	0.99	SW8082	8/21/08	8/29/08 22:16	TB	1233



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-32

Project Name:

**Project Number: 48015** 

Client Sample ID: B-13-GW

Collection Date: 8/13/2008 4:15:00 PM

Matrix: Water

Bond & Bond

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analy	st Batch ID
Proposition and the second sec		PREI	P METHOD:	SW5030B				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Test F	Performed By: AZ0133
Methyl tert-butyl ether	<4.0	4.0		μg/L	1.0	SW8021B	8/13/08	8/13/08	MO	ML6GC14080813B
Benzene	<1.0	1.0		μg/L	1.0	SW8021B	8/13/08	8/13/08	МО	ML6GC14080813B
Ethylbenzene	<2.0	2.0		μg/L	1.0	SW8021B	8/13/08	8/13/08	МО	ML6GC14080813B
Toluene	<2.0	2.0		μg/L	1.0	SW8021B	8/13/08	8/13/08	МО	ML6GC14080813B
Xylenes, total	<3.0	3.0		µg/L	1.0	SW8021B	8/13/08	8/13/08	МО	ML6GC14080813B
TVFHC (C6-C10)	<200	200		μg/L	1.0	SW8021B	8/13/08	8/13/08	МО	ML6GC14080813B
Bromofluorobenzene(Surrogate)	110	70-130		%REC	1.0	SW8021B	8/13/08	8/13/08	MO	ML6GC14080813B
V-904/ash-alash-a		PREP M	ETHOD: SW	/3510C-MOD					Test P	erformed By: AZM133
C10-C22 DRO	<3.0	3.0		mg/L	1.0	8015MOD	8/13/08	8/13/08	МО	ML6GC13080813B
C22-C32 ORO	<10	10		mg/L	1.0	8015MOD	8/13/08	8/13/08	MO	ML6GC13080813B
o-Terphenyl(Surrogate)	103	70-130		%REC	1.0	8015MOD	8/13/08	8/13/08	MO	ML6GC13080813B



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-33

**Project Name:** 

Bond & Bond

Project Number: 48015

Client Sample ID: B-14-7'

Collection Date: 8/14/2008 8:45:00 AM

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyza	t Batch ID
							Troparca	7 Haryzou	Tuldiyo	Daterrio
		PREI	P METHOD:	SW3050B					Test Per	formed By: AZ0133
Arsenic	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:18	MDD	1226
Barium	140	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:18	MDD	1226
Cadmium	<1.0	1.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:18	MDD	1226
Chromium	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:18	MDD	1226
Lead	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:18	MDD	1226
Selenium	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:18	MDD	1226
Silver	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:18	MDD	1226
W/94///		PREF	METHOD:	SW7471A				A1147	Test Per	formed By: AZ0133
Mercury	<0.083	0.083		mg/Kg	1.0	SW7471A	8/19/08	8/20/08 16:38	BJL	1213
- All All All All All All All All All Al		PREP	METHOD:	8015AZR1	***				Test Per	formed By: AZM133
C10-C22 DRO	<30	30		mg/Kg	1.0	8015AZ	8/14/08	8/18/08	МО	ML6GC13080814
C22-C32 ORO	<100	100		mg/Kg	1.0	8015AZ	8/14/08	8/18/08		ML6GC13080814
C10-C32 SRL	<130	130		mg/Kg	1.0	8015AZ	8/14/08	8/18/08	MO	ML6GC13080814
o-Terphenyl(Surrogate)	102	70-130		%REC	1.0	8015AZ	8/14/08	8/18/08		ML6GC13080814
		PRE	P METHOD:	SW5035					Test Pen	formed By: AZM133
Methyl tert-butyl ether	<0.20	0.20		mg/Kg	1.0	SW8021B	8/14/08	8/14/08	MO	ML6GC14080814
Benzene	< 0.050	0.050		mg/Kg	1.0	SW8021B	8/14/08	8/14/08	MO	ML6GC14080814
Ethylbenzene	<0.10	0.10		mg/Kg	1.0	SW8021B	8/14/08	8/14/08	MO	ML6GC14080814
Toluene	<0.10	0.10		mg/Kg	1.0	SW8021B	8/14/08	8/14/08	MO	ML6GC14080814
Xylenes, total	< 0.15	0.15		mg/Kg	1.0	SW8021B	8/14/08	8/14/08	МО	ML6GC14080814
TVFHC (C6-C10)	<10	10		mg/Kg	1.0	SW8021B	8/14/08	8/14/08	МО	ML6GC14080814
Bromofluorobenzene(Surrogate)	122	64-127		%REC	1.0	SW8021B	8/14/08	8/14/08	MO	ML6GC14080814
	/H/	PREI	P METHOD:	SW3545				CALL!	Test Peri	formed By: AZ0133
Acenaphthene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
Acenaphthylene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
Anthracene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
Azobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
Benz[a]anthracene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
Benzo(a)pyrene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
Benzo[b]fluoranthene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
Benzo[g,h,i]perylene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
Benzo[k]fluoranthene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
Benzoic acid	<5.0	5.0		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
Benzyl alcohol	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
Bis(2-chloroethoxy)methane	< 0.33	0.33		malka	4.0	OWIGOTOO	8/21/08	0/0/00 45:00	11.1	1243
Bis(2-chloroethyl)ether	<0.33	0.00		mg/Kg	1.0	SW8270C	0/21/00	9/8/08 15:08	JH	1240



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-33

**Project Name:** 

Bond & Bond

Project Number: 48015

Client Sample ID: B-14-7'

Collection Date: 8/14/2008 8:45:00 AM

M	at	rix	:	So:	į

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Bis(2-chloroisopropyl)ether	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
Bis(2-ethylhexyl)phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
4-Bromophenyl phenyl ether	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
Butyl benzyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
4-Chioro-3-methylphenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
4-Chloroaniline	<0.66	0.66		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
2-Chloronaphthalene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
2-Chiorophenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
4-Chlorophenyl phenyl ether	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
Chrysene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
Di-n-butyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
Di-n-octyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
Dibenz[a,h]anthracene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
Dibenzofuran	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
1,2-Dichlorobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
1,3-Dichlorobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
1,4-Dichlorobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
3,3`-Dichlorobenzidine	<1.7	1.7		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
2,4-Dichlorophenol	< 0.50	0.50		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
Diethyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
Dimethyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
2,4-Dimethylphenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
4,6-Dinitro-2-methylphenol	<2.0	2.0		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
2,4-Dinitrophenol	<2.0	2.0		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
2,4-Dinitrotoluene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
2,6-Dinitrotoluene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
Fluoranthene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
Fluorene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
Hexachlorobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
Hexachlorobutadiene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
Hexachlorocyclopentadiene	<2.0	2.0		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
Hexachloroethane	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
indeno[1,2,3-cd]pyrene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
isophorone	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
2-Methylnaphthalene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
2-Methylphenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
4-Methylphenol	< 0.50	0.50		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
N-Nitrosodi-n-propylamine	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
N-Nitrosodiphenylamine	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
Naphthalene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
Nitrobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
2-Nitrophenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
4-Nitrophenol	<2.0	2.0		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

Lab ID:

08080174

**Project Name:** 

08080174-33

Bond & Bond

**Project Number: 48015** 

Client Sample ID: B-14-7'

**Collection Date:** 8/14/2008 8:45:00 AM

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Pentachlorophenol	<0.67	0.67		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
Phenanthrene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
Phenol	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
Pyrene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
1,2,4-Trichlorobenzene	< 0.50	0.50		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
2,4,6-Trichlorophenol	<0.50	0.50		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
2-Chlorophenol-d4(Surrogate)	51	25-108		%REC	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
1,2-Dichlorobenzene-d4(Surrogate)	53	18-106		%REC	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
2-Fluorobiphenyl(Surrogate)	33	22-111		%REC	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
2-Fluorophenol(Surrogate)	44	25-108		%REC	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
Nitrobenzene-d5(Surrogate)	55	24-108		%REC	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
Phenol-d6(Surrogate)	55	25-109		%REC	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
4-Terphenyl-d14(Surrogate)	41	19-116		%REC	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
2,4,6-Tribromophenol(Surrogate)	55	25-117		%REC	1.0	SW8270C	8/21/08	9/8/08 15:08	JH	1243
		PREP ME	THOD: SW	545/SW3550B					Test Perfor	med By: AZ0133
Aroclor 1016	<0.033	0.033		mg/Kg	0.99	SW8082	8/21/08	8/29/08 22:48	ТВ	1233
Aroclor 1221	<0.099	0.099		mg/Kg	0.99	SW8082	8/21/08	8/29/08 22:48	TB	1233
Aroclor 1232	< 0.066	0.066		mg/Kg	0.99	SW8082	8/21/08	8/29/08 22:48	ТВ	1233
Aroclor 1242	< 0.033	0.033		mg/Kg	0.99	SW8082	8/21/08	8/29/08 22:48	ТВ	1233
Aroclor 1248	< 0.033	0.033		mg/Kg	0.99	SW8082	8/21/08	8/29/08 22:48	TB	1233
Aroclor 1254	< 0.033	0.033		mg/Kg	0.99	SW8082	8/21/08	8/29/08 22:48	ТВ	1233
Aroclor 1260	< 0.033	0.033		mg/Kg	0.99	SW8082	8/21/08	8/29/08 22:48	TB	1233
Decachlorobiphenyl(Surrogate)	68	31-165		%REC	0.99	SW8082	8/21/08	8/29/08 22:48	TB	1233
TCMX(Surrogate)	67	39-160		%REC	0.99	SW8082	8/21/08	8/29/08 22:48	TB	1233



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-34

**Project Name:** 

Project Number: 48015

Bond & Bond

Client Sample ID: B-15-2'

Collection Date: 8/14/2008 9:05:00 AM

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	A 1	Tarkell III
		1 (2)	Quax	Omo	1.71		Fiepared	Anaryzeu	Anaiysi	Batch ID
		PRE	P METHOD:	SW3050B					Test Per	formed By: AZ0133
Arsenic	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:23	MDD	1226
Barium	160	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:23	MDD	1226
Cadmium	<1.0	1.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:23	MDD	1226
Chromium	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:23	MDD	1226
Lead	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:23	MDD	1226
Selenium	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:23	MDD	1226
Silver	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:23	MDD	1226
New York Control of the Control of t	Power	PRE	P METHOD:	SW7471A			···		Test Pen	formed By: AZ0133
Mercury	<0.083	0.083		mg/Kg	1.0	SW7471A	8/19/08	8/20/08 16:43	BJL	1213
		PRE	P METHOD: 8	8015AZR1				TT Prom	Test Peri	ormed By: AZM133
C10-C22 DRO	<30	30		mg/Kg	1.0	8015AZ	8/14/08	8/18/08	МО	ML6GC13080814
C22-C32 ORO	<100	100		mg/Kg	1.0	8015AZ	8/14/08	8/18/08		ML6GC13080814
C10-C32 SRL	<130	130		mg/Kg	1.0	8015AZ	8/14/08	8/18/08		ML6GC13080814
o-Terphenyl(Surrogate)	101	70-130		%REC	1.0	8015AZ	8/14/08	8/18/08		ML6GC13080814
The state of the s	///	PRE	EP METHOD:	SW5035		-/ N			Test Perf	ormed By: AZM133
Methyl tert-butyl ether	<0.20	0.20		mg/Kg	1.0	SW8021B	8/14/08	8/14/08	MO	ML6GC14080814
Benzene	< 0.050	0.050		mg/Kg	1.0	SW8021B	8/14/08	8/14/08		ML6GC14080814
Ethylbenzene	<0.10	0.10		mg/Kg	1.0	SW8021B	8/14/08	8/14/08		ML6GC14080814
Toluene	<0.10	0.10		mg/Kg	1.0	SW8021B	8/14/08	8/14/08		ML6GC14080814
Xylenes, total	<0.15	0.15		mg/Kg	1.0	SW8021B	8/14/08	8/14/08		ML6GC14080814
TVFHC (C6-C10)	<10	10		mg/Kg	1.0	SW8021B	8/14/08	8/14/08		ML6GC14080814
Bromofluorobenzene(Surrogate)	83	64-127		%REC	1.0	SW8021B	8/14/08	8/14/08		ML6GC14080814
Pp		PRE	P METHOD:	SW3545					Test Peri	ormed By: AZ0133
Acenaphthene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
Acenaphthylene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
Anthracene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
Azobenzene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
Benz[a]anthracene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
Benzo(a)pyrene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JН	1243
Benzo[b]fluoranthene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
Benzo[g,h,i]perylene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
Benzo[k]fluoranthene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
Benzolc acid	<5.0	5.0		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
Benzyl alcohol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
Bis(2-chloroethoxy)methane	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
Bis(2-chloroethyl)ether	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

Lab ID:

08080174

08080174-34

**Project Name:** 

Bond & Bond

Project Number: 48015

Client Sample ID: B-15-2'

Collection Date: 8/14/2008 9:05:00 AM

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Bis(2-chloroisopropyl)ether	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
Bis(2-ethylhexyl)phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JН	1243
4-Bromophenyl phenyl ether	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
Butyl benzyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
4-Chloro-3-methylphenol	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
4-Chloroaniline	<0.66	0.66		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
2-Chloronaphthalene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
2-Chlorophenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	jΗ	1243
4-Chlorophenyl phenyl ether	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
Chrysene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
Di-n-butyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
Di-n-octyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
Dibenz[a,h]anthracene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
Dibenzofuran	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
1,2-Dichlorobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
1,3-Dichlorobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
1,4-Dichlorobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
3,3`-Dichlorobenzidine	<1.7	1.7		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
2,4-Dichlorophenol	< 0.50	0.50		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
Diethyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
Dimethyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
2,4-Dimethylphenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
4,6-Dinitro-2-methylphenol	<2.0	2.0		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
2,4-Dinitrophenol	<2.0	2.0		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
2,4-Dinitrotoluene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
2,6-Dinitrotoluene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
Fluoranthene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
Fluorene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
Hexachlorobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
Hexachlorobutadiene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
Hexachlorocyclopentadiene	<2.0	2.0		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
Hexachloroethane	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
Indeno[1,2,3-cd]pyrene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
Isophorone	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
2-Methylnaphthalene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
2-Methylphenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
4-Methylphenol	<0.50	0.50		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
N-Nitrosodi-n-propylamine	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
N-Nitrosodiphenylamine	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
Naphthalene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
Nitrobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
2-Nitrophenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
4-Nitrophenoi	<2.0	2.0		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

----

Project Name:

08080174-34

i i ojeci ivame:

Bond & Bond

Project Number: 48015

Client Sample ID: B-15-2'

entitional pre ID. D-13-2

**Collection Date:** 8/14/2008 9:05:00 AM

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Pentachlorophenol	<0.67	0.67		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
Phenanthrene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
Phenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
Pyrene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
1,2,4-Trichlorobenzene	< 0.50	0.50		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
2,4,6-Trichlorophenol	<0.50	0.50		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
2-Chlorophenol-d4(Surrogate)	51	25-108		%REC	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
1,2-Dichlorobenzene-d4(Surrogate)	53	18-106		%REC	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
2-Fluorobiphenyl(Surrogate)	33	22-111		%REC	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
2-Fluorophenol(Surrogate)	42	25-108		%REC	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
Nitrobenzene-d5(Surrogate)	58	24-108		%REC	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
Phenol-d6(Surrogate)	56	25-109		%REC	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
4-Terphenyl-d14(Surrogate)	35	19-116		%REC	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
2,4,6-Tribromophenol(Surrogate)	55	25-117		%REC	1.0	SW8270C	8/21/08	9/8/08 15:44	JH	1243
		PREP ME	THOD: SW3	1545/SW3550B		· · · · · · · · · · · · · · · · · · ·		, p., a.e.	Test Perfor	med By: AZ0133
Arodor 1016	<0.033	0.033		mg/Kg	0.99	SW8082	8/21/08	8/29/08 23:19	ТВ	1233
Arodor 1221	<0.099	0.099		mg/Kg	0.99	SW8082	8/21/08	8/29/08 23:19	TB	1233
Aroclor 1232	< 0.066	0.066		mg/Kg	0.99	SW8082	8/21/08	8/29/08 23:19	TB	1233
Aroclor 1242	< 0.033	0.033		mg/Kg	0.99	SW8082	8/21/08	8/29/08 23:19	TB	1233
Arocior 1248	< 0.033	0.033		mg/Kg	0.99	SW8082	8/21/08	8/29/08 23:19	TB	1233
Aroclor 1254	< 0.033	0.033		mg/Kg	0.99	SW8082	8/21/08	8/29/08 23:19	TB	1233
Aroclor 1260	< 0.033	0.033		mg/Kg	0.99	SW8082	8/21/08	8/29/08 23:19	TB	1233
Decachlorobiphenyl(Surrogate)	70	31-165		%REC	0.99	SW8082	8/21/08	8/29/08 23:19	ТВ	1233
TCMX(Surrogate)	65	39-160		%REC	0.99	SW8082	8/21/08	8/29/08 23:19	TB	1233



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

Project Name:

08080174-35

Bond & Bond

Project Number: 48015

Client Sample ID: B-15-8'

Collection Date: 8/14/2008 9:15:00 AM

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analysi	t Batch ID
							ricparca	Anaiyzcu	Amarysi	. Datell ID
		PR	EP METHOD:	SW3050B					Test Per	formed By: AZ0133
Arsenic	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:27	MDD	1226
Barium	110	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:27	MDD	1226
Cadmium	<1.0	1.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:27	MDD	1226
Chromium	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:27	MDD	1226
Lead	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:27	MDD	1226
Selenium	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:27	MDD	1226
Silver	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:27	MDD	1226
17/2.1/	V-100474-7-1	PR	EP METHOD:	SW7471A					Test Per	formed By: AZ0133
Mercury	<0.083	0.083		mg/Kg	1.0	SW7471A	8/19/08	8/20/08 16:44	BJL	1213
		PRI	P METHOD:	8015AZR1					Test Peri	formed By: AZM133
C10-C22 DRO	<30	30		mg/Kg	1.0	8015AZ	8/14/08	8/18/08	MO	ML6GC13080814
C22-C32 ORO	<100	100		mg/Kg	1.0	8015AZ	8/14/08	8/18/08	MO	ML6GC13080814
C10-C32 SRL	<130	130		mg/Kg	1.0	8015AZ	8/14/08	8/18/08		ML6GC13080814
o-Terphenyl(Surrogate)	100	70-130		%REC	1.0	8015AZ	8/14/08	8/18/08		ML6GC13080814
		PR	EP METHOD.	: SW5035				4	Test Perl	ormed By: AZM133
Methyl tert-butyl ether	<0.20	0.20		mg/Kg	1.0	SW8021B	8/14/08	8/14/08	МО	ML6GC14080814
Benzene	< 0.050	0.050		mg/Kg	1.0	SW8021B	8/14/08	8/14/08		ML6GC14080814
Ethylbenzene	<0.10	0.10		mg/Kg	1.0	SW8021B	8/14/08	8/14/08		ML6GC14080814
Toluene	<0.10	0.10		mg/Kg	1.0	SW8021B	8/14/08	8/14/08		ML6GC14080814
Xylenes, total	<0.15	0.15		mg/Kg	1.0	SW8021B	8/14/08	8/14/08		ML6GC14080814
TVFHC (C6-C10)	<10	10		mg/Kg	1.0	SW8021B	8/14/08	8/14/08		ML6GC14080814
Bromofluorobenzene(Surrogate)	79	64-127		%REC	1.0	SW8021B	8/14/08	8/14/08		ML6GC14080814
	- Willy are made	PR	EP METHOD:	SW3545	~~~~	······································			Test Perf	ormed By: AZ0133
Acenaphthene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
Acenaphthylene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
Anthracene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
Azobenzene	< 0.33	0.33	L2	mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JН	1255
Benz[a]anthracene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
Benzo[a]pyrene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
Benzo[b]fluoranthene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
Benzo[g,h,i]perylene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
Benzo[k]fluoranthene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
Benzoic acid	<5.0	5.0		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
Benzyl alcohol	<0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
Bis(2-chloroethoxy)methane	<0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
Bis(2-chloroethyl)ether	<0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255



License No. AZM133/AZ0133

CLIENT:

Lab ID:

Bristol Environmental & Engineering

Work Order:

08080174

Project Name:

08080174-35 Bond & Bond

Project Number: 48015

Client Sample ID: B-15-8'

**Collection Date:** 8/14/2008 9:15:00 AM

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Bis(2-chloroisopropyl)ether	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
Bis(2-ethylhexyl)phthalate	< 0.33	0.33	L1	mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
4-Bromophenyl phenyl ether	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
Butyl benzyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
4-Chloro-3-methylphenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
4-Chloroaniline	< 0.66	0.66	L2	mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
2-Chloronaphthalene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
2-Chlorophenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
4-Chlorophenyl phenyl ether	< 0.33	0.33	L2	mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
Chrysene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
Di-n-butyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
Di-n-octyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
Dibenz[a,h]anthracene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
Dibenzofuran	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
1,2-Dichlorobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
1,3-Dichlorobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
1,4-Dichlorobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
3,3'-Dichlorobenzidine	<1.7	1.7		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
2,4-Dichlorophenol	< 0.50	0.50		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
Diethyl phthalate	<0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
Dimethyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
2,4-Dimethylphenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
4,6-Dinitro-2-methylphenol	<2.0	2.0		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
2,4-Dinitrophenol	<2.0	2.0	L1	mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
2,4-Dînitrotoluene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
2,6-Dinitrotoluene	< 0.33	0.33	L2	mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
Fluoranthene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
Fluorene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
Hexachlorobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
Hexachlorobutadiene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
Hexachlorocyclopentadiene	<2.0	2.0		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
Hexachloroethane	<0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
Indeno[1,2,3-cd]pyrene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
Isophorone	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JН	1255
2-Methylnaphthalene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
2-Methylphenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
4-Methylphenol	<0.50	0.50		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
N-Nitrosodi-n-propylamine	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
N-Nitrosodiphenylamine	<0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
Naphthalene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
Nitrobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
2-Nitrophenol	<0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
4-Nitrophenol	<2.0	2.0		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255



License No. AZM133/AZ0133

**CLIENT:** Work Order: Bristol Environmental & Engineering

08080174

Lab ID:

08080174-35

Project Name:

Project Number: 48015

Bond & Bond

Client Sample ID: B-15-8'

Collection Date: 8/14/2008 9:15:00 AM

						·				
Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Batch ID
Pentachlorophenol	<0.67	0.67		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JН	1255
Phenanthrene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
Phenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
Pyrene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
1,2,4-Trichlorobenzene	<0.50	0.50		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
2,4,6-Trichlorophenol	<0.50	0.50		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
2-Chlorophenol-d4(Surrogate)	52	25-108		%REC	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
1,2-Dichlorobenzene-d4(Surrogate)	49	18-106		%REC	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
2-Fluorobiphenyl(Surrogate)	43	22-111		%REC	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
2-Fluorophenol(Surrogate)	49	25-108		%REC	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
Nitrobenzene-d5(Surrogate)	49	24-108		%REC	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
Phenol-d6(Surrogate)	56	25-109		%REC	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
4-Terphenyl-d14(Surrogate)	75	19-116		%REC	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
2,4,6-Tribromophenol(Surrogate)	57	25-117		%REC	1.0	SW8270C	8/25/08	9/8/08 18:48	JH	1255
		PREP ME	THOD: SW	3545/SW3550B					Test Perfor	med By: AZ0133
Aroclor 1016	<0.034	0.034		mg/Kg	1.0	SW8082	8/23/08	9/2/08 21:31	ТВ	1250
Aroclor 1221	<0.10	0.10		mg/Kg	1.0	SW8082	8/23/08	9/2/08 21:31	TB	1250
Arodor 1232	< 0.067	0.067		mg/Kg	1.0	SW8082	8/23/08	9/2/08 21:31	TB	1250
Arodor 1242	< 0.034	0.034		mg/Kg	1.0	SW8082	8/23/08	9/2/08 21:31	TB	1250
Arocior 1248	< 0.034	0.034		mg/Kg	1.0	SW8082	8/23/08	9/2/08 21:31	TB	1250
Aroclor 1254	< 0.034	0.034		mg/Kg	1.0	SW8082	8/23/08	9/2/08 21:31	TB	1250
Arodor 1260	< 0.034	0.034		mg/Kg	1.0	SW8082	8/23/08	9/2/08 21:31	TB	1250
Decachlorobiphenyl(Surrogate)	14	31-165	N1	%REC	1.0	SW8082	8/23/08	9/2/08 21:31	TB	1250
TCMX(Surrogate)	16	39-160	N1	%REC	1.0	SW8082	8/23/08	9/2/08 21:31	ТВ	1250



License No. AZM133/AZ0133

CLIENT: Work Order: Bristol Environmental & Engineering

08080174

Lab ID:

08080174-36

**Project Name:** 

Bond & Bond

Project Number: 48015

Client Sample ID: B-14-GW

Collection Date: 8/14/2008 10:00:00 AM

Matrix: Water

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analy	st Batch ID
		PREI	P METHOD:	SW5030B					Test P	erformed By: AZ0133
Methyl tert-butyl ether	<4.0	4.0		μg/L	1.0	SW8021B	8/14/08	8/14/08	МО	ML6GC14080814B
Benzene	<1.0	1.0		μg/L	1:0	SW8021B	8/14/08	8/14/08	MO	ML6GC14080814B
Ethylbenzene	<2.0	2.0		µg/L	1.0	SW8021B	8/14/08	8/14/08	МО	ML6GC14080814B
Toluene	<2.0	2.0		μg/L	1.0	SW8021B	8/14/08	8/14/08	МО	ML6GC14080814B
Xylenes, total	<3.0	3.0		μg/L	1.0	SW8021B	8/14/08	8/14/08	МО	ML6GC14080814B
TVFHC (C6-C10)	<200	200		μg/L	1.0	SW8021B	8/14/08	8/14/08	MO	ML6GC14080814B
Bromofluorobenzene(Surrogate)	103	70-130		%REC	1.0	SW8021B	8/14/08	8/14/08	МО	ML6GC14080814B
		PREP M	ETHOD: SW	3510C-MOD	***************************************				Test Po	erformed By: AZM133
C10-C22 DRO	<3.0	3.0		mg/L	1.0	8015MOD	8/14/08	8/18/08	МО	ML6GC13080814B
C22-C32 ORO	<10	10		mg/L	1.0	8015MOD	8/14/08	8/18/08	MO	ML6GC13080814B
o-Terphenyl(Surrogate)	93	70-130		%REC	1.0	8015MOD	8/14/08	8/18/08	МО	ML6GC13080814B



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-37

**Project Name:** 

Bond & Bond

Project Number: 48015

Client Sample ID: B-15-GW

Collection Date: 8/14/2008 10:20:00 AM

Matrix: Water

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analys	st Batch ID
	T and the second	PREI	METHOD:	SW5030B		***************************************	·	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Test Pe	orformed By: AZ0133
Methyl tert-butyl ether	<4.0	4.0		µg/L	1.0	SW8021B	8/14/08	8/14/08	МО	ML6GC14080814B
Benzene	<1.0	1.0		µg/L	1.0	SW8021B	8/14/08	8/14/08	МО	ML6GC14080814B
Ethylbenzene	<2.0	2.0		μg/L	1.0	SW8021B	8/14/08	8/14/08	МО	ML6GC14080814B
Toluene	<2.0	2.0		μg/L	1.0	SW8021B	8/14/08	8/14/08	MO	ML6GC14080814B
Xylenes, total	<3.0	3.0		μg/L	1.0	SW8021B	8/14/08	8/14/08	МО	ML6GC14080814B
TVFHC (C6-C10)	<200	200		µg/L	1.0	SW8021B	8/14/08	8/14/08	MO	ML6GC14080814B
Bromofluorobenzene(Surrogate)	100	70-130		%REC	1.0	SW8021B	8/14/08	8/14/08	MO	ML6GC14080814B
A CONTRACTOR OF THE CONTRACTOR	/w//	PREP M	ETHOD: SW	3510C-MOD		···········		PHILIP-	Test Pe	rformed By: AZM133
C10-C22 DRO	<3.0	3.0		mg/L	1.0	8015MOD	8/14/08	8/18/08	МО	ML6GC13080814B
C22-C32 ORO	<10	10		mg/L	1.0	8015MOD	8/14/08	8/18/08		ML6GC13080814B
o-Terphenyl(Surrogate)	100	70-130		%REC	1.0	8015MOD	8/14/08	8/18/08	МО	ML6GC13080814B



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Client Sample ID: B-16-12

Work Order:

08080174

Collection Date: 8/14/2008 2:20:00 PM

Lab ID:

08080174-38

Matrix: Soil

Project Name:

Bond & Bond

Analyte	Result	PQ:	L Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Batch ID
		P	REP METHOD:	SW3050B					Test Per	formed By: AZ0133
Arsenic	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:50	MDD	1227
Barium	180	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:50	MDD	1227
Cadmium	<1.0	1.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:50	MDD	1227
Chromium	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:50	MDD	1227
Lead	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:50	MDD	1227
Selenium	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:50	MDD	1227
Silver	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:50	MDD	1227
		P	REP METHOD:	SW7471A	,,,				Test Per	formed By: AZ0133
Mercury	<0.083	0.083		mg/Kg	1.0	SW7471A	8/19/08	8/20/08 16:45	BJL	1213
		PI	REP METHOD:	8015AZR1		· · · · · · · · · · · · · · · · · · ·			Test Peri	formed By: AZM133
C10-C22 DRO	<30	30		mg/Kg	1.0	8015AZ	8/14/08	8/18/08	МО	ML6GC13080814
C22-C32 ORO	<100	100		mg/Kg	1.0	8015AZ	8/14/08	8/18/08		ML6GC13080814
C10-C32 SRL	<130	130		mg/Kg	1.0	8015AZ	8/14/08	8/18/08		ML6GC13080814
o-Terphenyl(Surrogate)	96	70-130		%REC	1.0	8015AZ	8/14/08	8/18/08	МО	ML6GC13080814
		F	REP METHOD	SW5035				· · · · · · · · · · · · · · · · · · ·	Test Peri	ormed By: AZM133
Methyl tert-butyl ether	<0.20	0.20		mg/Kg	1.0	SW8021B	8/14/08	8/14/08	МО	ML6GC14080814
Benzene	<0.050	0.050		mg/Kg	1.0	SW8021B	8/14/08	8/14/08	MO	ML6GC14080814
Ethylbenzene	<0.10	0.10		mg/Kg	1.0	SW8021B	8/14/08	8/14/08	MO	ML6GC14080814
Toluene	<0.10	0.10		mg/Kg	1.0	SW8021B	8/14/08	8/14/08	МО	ML6GC14080814
Xylenes, total	<0.15	0.15		mg/Kg	1.0	SW8021B	8/14/08	8/14/08	MO	ML6GC14080814
TVFHC (C6-C10)	<10	10		mg/Kg	1.0	SW8021B	8/14/08	8/14/08	МО	ML6GC14080814
Bromofluorobenzene(Surrogate)	85	64-127		%REC	1.0	SW8021B	8/14/08	8/14/08	МО	ML6GC14080814
	West State of Produc	P	REP METHOD:	SW3545					Test Pen	formed By: AZ0133
Acenaphthene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
Acenaphthylene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
Anthracene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
Azobenzene	<0.33	0.33	L2	mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
Benz[a]anthracene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
Benzo[a]pyrene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
Benzo[b]fluoranthene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
Benzo[g,h,i]perylene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
Benzo[k]fluoranthene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
Benzoic acid	<5.0	5.0		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
Benzyl alcohol	<0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
Bis(2-chloroethoxy)methane	<0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
Bis(2-chloroethyl)ether	<0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Client Sample ID: B-16-12

Work Order:

08080174

Collection Date: 8/14/2008 2:20:00 PM

Lab ID: Project Name: 08080174-38 Bond & Bond

Matrix: Soil

110ject Number, 40013						Test	D-+-	D.		
Analyte	Result	PQL	Qual	Units	DF	Code	Date Prepared	Date Analyzed	Analyst	Batch ID
Bis(2-chloroisopropyl)ether	<0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
Bis(2-ethylhexyl)phthalate	<0.33	0.33	L1	mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
4-Bromophenyl phenyl ether	<0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
Butyl benzyl phthalate	<0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
4-Chloro-3-methylphenol	<0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
4-Chloroaniline	<0.66	0.66	L2	mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
2-Chloronaphthalene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
2-Chlorophenol	<0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
4-Chlorophenyl phenyl ether	<0.33	0.33	L2	mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
Chrysene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
Di-n-butyl phthalate	<0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
Di-n-octyl phthalate	<0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
Dibenz[a,h]anthracene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
Dibenzofuran	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
1,2-Dichlorobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
1,3-Dichlorobenzene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
1,4-Dichlorobenzene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
3,3'-Dichlorobenzidine	<1.7	1.7		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
2,4-Dichlorophenol	<0.50	0.50		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
Diethyl phthalate	<0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
Dimethyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
2,4-Dimethylphenol	<0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
4,6-Dinitro-2-methylphenol	<2.0	2.0		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
2,4-Dinitrophenol	<2.0	2.0	L1	mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
2,4-Dinitrotoluene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
2,6-Dinitrotoluene	<0.33	0.33	L2	mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
Fluoranthene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
Fluorene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
Hexachlorobenzene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
Hexachlorobutadiene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
Hexachlorocyclopentadiene	<2.0	2.0		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
Hexachloroethane	<0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
Indeno[1,2,3-cd]pyrene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
Isophorone	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
2-Methylnaphthalene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
2-Methylphenol	<0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JН	1255
4-Methylphenol	< 0.50	0.50		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
N-Nitrosodi-n-propylamine	<0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
N-Nitrosodiphenylamine	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
Naphthalene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
Nitrobenzene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
2-Nitrophenol	<0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	HL	1255
4-Nitrophenol	<2.0	2.0		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
•		·		מיייפייי	***		5,20,00	510100 £0.01	VII I	1200



License No. AZM133/AZ0133

**CLIENT:** 

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-38

Project Name:

Bond & Bond

Project Number: 48015

Client Sample ID: B-16-12

Collection Date: 8/14/2008 2:20:00 PM

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date	Date	A1	T . 1 TT
Pentachlorophenol			Quai	***************************************			Prepared	Analyzed	Analyst	Batch ID
,	<0.67	0.67		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JΗ	1255
Phenanthrene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
Phenol	<0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
Pyrene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
1,2,4-Trichlorobenzene	<0.50	0.50		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
2,4,6-Trichloraphenol	<0.50	0.50		mg/Kg	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
2-Chlorophenol-d4(Surrogate)	31	25-108		%REC	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
1,2-Dichlorobenzene-d4(Surrogate)	46	18-106		%REC	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
2-Fluorobiphenyl(Surrogate)	34	22-111		%REC	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
2-Fluorophenol(Surrogate)	23	25-108	S6	%REC	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
Nitrobenzene-d5(Surrogate)	36	24-108		%REC	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
Phenol-d6(Surrogate)	38	25-109		%REC	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
4-Terphenyl-d14(Surrogate)	59	19-116		%REC	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
2,4,6-Tribromophenol(Surrogate)	53	25-117		%REC	1.0	SW8270C	8/25/08	9/8/08 20:01	JH	1255
		PREP ME	THOD: SW	3545/SW3550B			·		Test Perfor	med By: AZ0133
Aroclor 1016	<0.17	0.17	D1	mg/Kg	5.0	SW8082	8/23/08	9/2/08 22:03	TB	1250
Aroclor 1221	<0.50	0.50	D1	mg/Kg	5.0	SW8082	8/23/08	9/2/08 22:03	ТВ	1250
Aroclor 1232	< 0.34	0.34	D1	mg/Kg	5.0	SW8082	8/23/08	9/2/08 22:03	ТВ	1250
Aroclor 1242	< 0.17	0.17	D1	mg/Kg	5.0	SW8082	8/23/08	9/2/08 22:03	ТВ	1250
Arodor 1248	<0.17	0.17	D1	mg/Kg	5.0	SW8082	8/23/08	9/2/08 22:03	TB	1250
Aroclor 1254	<0.17	0.17	D1	mg/Kg	5.0	SW8082	8/23/08	9/2/08 22:03	TB	1250
Aroclor 1260	<0.17	0.17	D1	mg/Kg	5.0	SW8082	8/23/08	9/2/08 22:03	TB	1250
Decachlorobiphenyl(Surrogate)	23	31-165	N1	%REC	5.0	SW8082	8/23/08	9/2/08 22:03	TB	1250
TCMX(Surrogate)	19	39-160	N1	%REC	5.0	SW8082	8/23/08	9/2/08 22:03	TB	1250



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Client Sample ID: B-16-GW

Work Order:

08080174

**Collection Date:** 8/14/2008 2:30:00 PM

Lab ID: Project Name: 08080174-39 Bond & Bond

Matrix: Water

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analys	st Batch ID
	·	PRE	P METHOD:	SW5030B					Test Pe	rformed By: AZ0133
Methyl tert-butyl ether	<4.0	4.0		μg/L	1.0	SW8021B	8/14/08	8/14/08	MO	ML6GC14080814B
Benzene	<1.0	1.0		μg/L	1.0	SW8021B	8/14/08	8/14/08	MO	ML6GC14080814B
Ethylbenzene	<2.0	2.0		μg/L	1.0	SW8021B	8/14/08	8/14/08	МО	ML6GC14080814B
Toluene	<2.0	2.0		μg/L	1.0	SW8021B	8/14/08	8/14/08	MO	ML6GC14080814B
Xylenes, total	<3.0	3.0		μg/L	1.0	SW8021B	8/14/08	8/14/08	МО	ML6GC14080814B
TVFHC (C6-C10)	<200	200		μg/L	1.0	SW8021B	8/14/08	8/14/08	МО	ML6GC14080814B
Bromofluorobenzene(Surrogate)	104	70-130		%REC	1.0	SW8021B	8/14/08	8/14/08	МО	ML6GC14080814B
		PREP I	METHOD: SW	/3510C-MOD		/	111		Test Pe	rformed By: AZM133
C10-C22 DRO	<3.0	3.0		mg/L	1.0	8015MOD	8/14/08	8/18/08	МО	ML6GC13080814B
C22-C32 ORO	<10	10		mg/L	1.0	8015MOD	8/14/08	8/18/08	MO	ML6GC13080814B
o-Terphenyl(Surrogate)	9	70-130	S6	%REC	1.0	8015MQD	8/14/08	8/18/08	MO	ML6GC13080814B



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Client Sample ID: B-17-2'

Work Order: Lab ID:

08080174

**Collection Date:** 8/14/2008 3:00:00 PM

Project Name:

08080174-40 Bond & Bond

Matrix: Soil

Amalada	D14	DO:	0 1	<b>T</b> Y *.	T . F !	Test	Date	Date		
Analyte	Result	PQ1	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
		Pi	REP METHOD	: SW3050B			, married		Test Peri	ormed By: AZ0133
Arsenic	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:54	MDD	1227
Barium	190	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:54	MDD	1227
Cadmium	<1.0	1.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:54	MDD	1227
Chromium	5.8	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:54	MDD	1227
Lead	110	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:54	MDD	1227
Selenium	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:54	MDD	1227
Silver	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:54	MDD	1227
	STIALS.	PI	REP METHOD.	SW7471A		, / , m, m,			Test Perf	ormed By: AZ0133
Mercury	<0.083	0.083		mg/Kg	1.0	SW7471A	8/19/08	8/20/08 16:47	BJL	1213
	To Andrea State Control of the Contr	PR	EP METHOD:	8015AZR1					Test Perfe	ormed By: AZM133
C10-C22 DRO	<30	30		mg/Kg	1.0	8015AZ	8/14/08	8/18/08	MO I	ML6GC13080814
C22-C32 ORO	460	100		mg/Kg	1.0	8015AZ	8/14/08	8/18/08	MO I	VIL6GC13080814
C10-C32 SRL	460	130		mg/Kg	1.0	8015AZ	8/14/08	8/18/08	MO I	ML6GC13080814
o-Terphenyl(Surrogate)	109	70-130		%REC	1.0	8015AZ	8/14/08	8/18/08	MO !	ML6GC13080814
		P	REP METHOD	: SW5035			74-74-4		Test Perfe	ormed By: AZM133
Methyl tert-butyl ether	<0.20	0.20		mg/Kg	1.0	SW8021B	8/14/08	8/14/08	MO I	/L6GC14080814
Benzene	<0.050	0.050		mg/Kg	1.0	SW8021B	8/14/08	8/14/08	MO 1	ML6GC14080814
Ethylbenzene	<0.10	0.10		mg/Kg	1.0	SW8021B	8/14/08	8/14/08	MO 1	AL6GC14080814
Toluene	<0.10	0.10		mg/Kg	1.0	SW8021B	8/14/08	8/14/08	MO I	AL6GC14080814
Xylenes, total	<0.15	0.15		mg/Kg	1.0	SW8021B	8/14/08	8/14/08	MO M	/L6GC14080814
TVFHC (C6-C10)	<10	10		mg/Kg	1.0	SW8021B	8/14/08	8/14/08	MO A	/L6GC14080814
Bromofluorobenzene(Surrogate)	100	64-127		%REC	1.0	SW8021B	8/14/08	8/14/08	MO M	AL6GC14080814
		PI	REP METHOD	: SW3545					Test Perfe	ormed By: AZ0133
Acenaphthene	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
Acenaphthylene	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
Anthracene	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
Azobenzene	<3.3	3.3	D1,L2	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
Benz[a]anthracene	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
Benzo[a]pyrene	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
Benzo[b]fluoranthene	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1256
Benzo[g,h,i]perylene	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
Benzo[k]fluoranthene	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
Benzoic acid	<50	50	D1	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
Benzyl alcohol	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
Bis(2-chioroethoxy)methane	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
Bis(2-chloroethyl)ether	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Client Sample ID: B-17-2'

Work Order:

08080174

Collection Date: 8/14/2008 3:00:00 PM

Lab ID:

08080174-40

Matrix: Soil

Project Name:

Bond & Bond

				······································		Test	Date	Date		······································
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Bis(2-chloroisopropyl)ether	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
Bis(2-ethylhexyl)phthalate	<3.3	3.3	D1,L1,V1	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
4-Bromophenyl phenyl ether	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
Butyl benzyl phthalate	<3.3	3.3	D1,V1	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
4-Chloro-3-methylphenol	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
4-Chloroaniline	<6.6	6.6	D1,L2	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
2-Chloronaphthalene	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
2-Chlorophenol	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
4-Chlorophenyl phenyl ether	<3.3	3.3	D1,L2	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
Chrysene	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
Di-n-butyl phthalate	<3.3	3,3	D1	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
Di-n-octyl phthalate	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
Dibenz[a,h]anthracene	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
Dibenzofuran	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
1,2-Dichlorobenzene	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
1,3-Dichlorobenzene	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
1,4-Dichlorobenzene	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
3,3'-Dichlorobenzidine	<17	17	D1	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
2,4-Dichlorophenol	<5.0	5.0	D1	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
Diethyl phthalate	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
Dimethyl phthalate	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
2,4-Dimethylphenol	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
4,6-Dinitro-2-methylphenol	<20	20	D1	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
2,4-Dinitrophenol	<20	20	D1,L1	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
2,4-Dinitrotoluene	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
2,6-Dinitrotoluene	<3.3	3.3	D1,L2	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
Fluoranthene	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
Fluorene	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
Hexachlorobenzene	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
Hexachlorobutadiene	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
Hexachlorocyclopentadiene	<20	20	D1	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
Hexachloroethane	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
Indeno[1,2,3-cd]pyrene	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
Isophorone	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
2-Methylnaphthalene	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
2-Methylphenol	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
4-Methylphenol	<5.0	5.0	D1	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
N-Nitrosodi-n-propylamine	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
N-Nitrosodiphenylamine	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
Naphthalene	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
Nitrobenzene	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
2-Nitrophenol	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
1-Nitrophenol	<20	20	D1	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
				aa	,,,	502.100	0120100	5/11/00 U.U4	ήΠ	1200



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Client Sample ID: B-17-2'

Work Order:

08080174

**Collection Date:** 8/14/2008 3:00:00 PM

Lab ID: Project Name: 08080174-40 Bond & Bond

Matrix: Soil

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Batch ID
Pentachlorophenol	<6.7	6.7	D1	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
Phenanthrene	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
Phenol	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
Pyrene	<3.3	3.3	D1	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
1,2,4-Trichlorobenzene	< 5.0	5.0	D1	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
2,4,6-Trichlorophenol	<5.0	5.0	D1	mg/Kg	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
2-Chiorophenol-d4(Surrogate)	87	25-108		%REC	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
1,2-Dichlorobenzene-d4(Surrogate)	91	18-106		%REC	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
2-Fluorobiphenyl(Surrogate)	96	22-111		%REC	10	SW8270C	8/25/08	9/17/08 0:04	JН	1255
2-Fluorophenol(Surrogate)	73	25-108		%REC	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
Nitrobenzene-d5(Surrogate)	86	24-108		%REC	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
Phenol-d6(Surrogate)	84	25-109		%REC	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
4-Terphenyl-d14(Surrogate)	99	19-116		%REC	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
2,4,6-Tribromophenol(Surrogate)	76	25-117		%REC	10	SW8270C	8/25/08	9/17/08 0:04	JH	1255
A STATE OF THE STA		PREP ME	THOD: SW3	1545/SW3550B					Test Perfor	med By: AZ0133
Arodor 1016	<0.033	0.033		mg/Kg	1.0	SW8082	8/23/08	9/2/08 22:34	ТВ	1250
Aroclor 1221	<0.10	0.10		mg/Kg	1.0	SW8082	8/23/08	9/2/08 22:34	ТВ	1250
Aroclor 1232	< 0.067	0.067		mg/Kg	1.0	SW8082	8/23/08	9/2/08 22:34	TB	1250
Aroclor 1242	< 0.033	0.033		mg/Kg	1.0	SW8082	8/23/08	9/2/08 22:34	ТВ	1250
Aroclor 1248	< 0.033	0.033		mg/Kg	1.0	SW8082	8/23/08	9/2/08 22:34	TB	1250
Aroclor 1254	< 0.033	0.033		mg/Kg	1.0	SW8082	8/23/08	9/2/08 22:34	ТВ	1250
Aroclor 1260	< 0.033	0.033		mg/Kg	1.0	SW8082	8/23/08	9/2/08 22:34	TB	1250
Decachlorobiphenyl(Surrogate)	2	31-165	N1	%REC	1.0	SW8082	8/23/08	9/2/08 22:34	TB	1250
CMX(Surrogate)	2	39-160	N1	%REC	1.0	SW8082	8/23/08	9/2/08 22:34	TB	1250



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Client Sample ID: B-17-5'

Work Order:

08080174

Collection Date: 8/14/2008 3:07:00 PM

Lab ID: Project Name: 08080174-41 Bond & Bond

Matrix: Soil

A1_ 4_	T) 1(	DOI	0 1	TY	DE	Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analys	Batch ID
		PRE	P METHOD:	SW3050B			/V.III.III		Test Per	formed By: AZ0133
Arsenic	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:58	MDD	1227
Barium	170	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:58	MDD	1227
Cadmium	<1.0	1.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:58	MDD	1227
Chromium	5.5	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:58	MDD	1227
Lead	63	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:58	MDD	1227
Selenium	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:58	MDD	1227
Silver	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 13:58	MDD	1227
	V-1/2-2	PRE	P METHOD:	SW7471A				V	Test Per	formed By: AZ0133
Mercury	<0.083	0.083		mg/Kg	1.0	SW7471A	8/19/08	8/20/08 16:48	BJL	1213
		PRE	P METHOD:	8015AZR1		and the second s			Test Peri	formed By: AZM133
C10-C22 DRO	<30	30		mg/Kg	1.0	8015AZ	8/14/08	8/18/08	MO	ML6GC13080814
C22-C32 ORO	<100	100		mg/Kg	1.0	8015AZ	8/14/08	8/18/08		ML6GC13080814
C10-C32 SRL	<130	130		mg/Kg	1.0	8015AZ	8/14/08	8/18/08		ML6GC13080814
o-Terphenyl(Surrogate)	96	70-130		%REC	1.0	8015AZ	8/14/08	8/18/08		ML6GC13080814
		PRI	EP METHOD:	SW5035		***************************************			Test Peri	ormed By: AZM133
Methyl tert-butyl ether	<0.20	0.20		mg/Kg	1.0	SW8021B	8/14/08	8/14/08	МО	ML6GC14080814
Benzene	<0.050	0.050		mg/Kg	1.0	SW8021B	8/14/08	8/14/08	МО	ML6GC14080814
Ethylbenzene	<0.10	0.10		mg/Kg	1.0	SW8021B	8/14/08	8/14/08	MO	ML6GC14080814
Foluene	<0.10	0.10		mg/Kg	1.0	SW8021B	8/14/08	8/14/08	МО	ML6GC14080814
Xylenes, total	<0.15	0.15		mg/Kg	1.0	SW8021B	8/14/08	8/14/08	МО	ML6GC14080814
FVFHC (C6-C10)	<10	10		mg/Kg	1.0	SW8021B	8/14/08	8/14/08	МО	ML6GC14080814
Bromofluorobenzene(Surrogate)	89	64-127		%REC	1.0	SW8021B	8/14/08	8/14/08	МО	ML6GC14080814
	/// B. dall	PRI	P METHOD:	SW3545			***************************************		Test Peri	ormed By: AZ0133
Acenaphthene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
cenaphthylene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
nthracene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
Azobenzene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
Benz[a]anthracene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
Benzo[a]pyrene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
enzo[b]fluoranthene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
Benzo[g,h,i]perylene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
enzo[k]fluoranthene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
Benzoic acid	<5.0	5.0		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
Benzyl alcohol	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
Bis(2-chloroethoxy)methane	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
Bis(2-chloroethyl)ether	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-41

**Project Name:** 

Bond & Bond

Project Number: 48015

Client Sample ID: B-17-5'

Collection Date: 8/14/2008 3:07:00 PM

7.5

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Bis(2-chloroisopropyl)ether	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
Bis(2-ethylhexyl)phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
4-Bromophenyl phenyl ether	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
Butyl benzyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
4-Chloro-3-methylphenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
4-Chloroaniline	<0.66	0.66		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
2-Chloronaphthalene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
2-Chlorophenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
4-Chlorophenyl phenyl ether	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
Chrysene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
Di-n-butyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
Di-n-octyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
Dibenz[a,h]anthracene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
Dibenzofuran	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
1,2-Dichlorobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
1,3-Dichlorobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
1,4-Dichlorobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
3,3'-Dichlorobenzidine	<1.7	1.7		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
2,4-Dichlorophenol	< 0.50	0.50		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
Diethyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
Dimethyl phthalate	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
2,4-Dimethylphenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
4,6-Dinitro-2-methylphenol	<2.0	2.0		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
2,4-Dinitrophenol	<2.0	2.0		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
2,4-Dinitrotoluene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
2,6-Dinitrotoluene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
Fluoranthene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
Fluorene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
Hexachlorobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
Hexachlorobutadiene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
Hexachlorocyclopentadiene	<2.0	2.0		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
Hexachloroethane	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
Indeno[1,2,3-cd]pyrene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
Isophorone	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
2-Methylnaphthalene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
2-Methylphenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
4-Methylphenol	< 0.50	0.50		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
N-Nitrosodi-n-propylamine	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
N-Nitrosodiphenylamine	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
Naphthalene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
Nitrobenzene	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
2-Nitrophenol	< 0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
4-Nitrophenol	<2.0	2.0		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Client Sample ID: B-17-5'

Work Order:

08080174

Collection Date: 8/14/2008 3:07:00 PM

Lab ID: Project Name: 08080174-41 Bond & Bond

Matrix: Soil

Pentachlorophenol   <0.67   0.67   mg/Kg   1.0   SW8270C   8/21/08   9/80/06 16.21   JH   1243     Phenanthrene   <0.33   0.33   mg/Kg   1.0   SW8270C   8/21/08   9/80/06 16.21   JH   1243     Phenol   <0.33   0.33   mg/Kg   1.0   SW8270C   8/21/08   9/80/06 16.21   JH   1243     Pyrene   <0.33   0.33   mg/Kg   1.0   SW8270C   8/21/08   9/80/06 16.21   JH   1243     Pyrene   <0.33   0.33   mg/Kg   1.0   SW8270C   8/21/08   9/80/06 16.21   JH   1243     Pyrene   <0.35   0.50   mg/Kg   1.0   SW8270C   8/21/08   9/80/06 16.21   JH   1243     2.4.6-Trichlorobenzene   <0.50   0.50   mg/Kg   1.0   SW8270C   8/21/08   9/80/06 16.21   JH   1243     2.4.6-Trichlorophenol   <0.50   0.50   mg/Kg   1.0   SW8270C   8/21/08   9/80/06 16.21   JH   1243     2.4.6-Trichlorophenol-d4(Surrogate)   53   25-108   %REC   1.0   SW8270C   8/21/08   9/80/06 16.21   JH   1243     2.4-Pluorobiphenol/(Surrogate)   64   22-111   %REC   1.0   SW8270C   8/21/08   9/80/06 16.21   JH   1243     2.4-Pluorobiphenol/(Surrogate)   64   22-111   %REC   1.0   SW8270C   8/21/08   9/80/06 16.21   JH   1243     2.4-Pluorobiphenol/(Surrogate)   43   25-108   %REC   1.0   SW8270C   8/21/08   9/80/06 16.21   JH   1243     2.4-Pluorobiphenol/(Surrogate)   55   25-109   %REC   1.0   SW8270C   8/21/08   9/80/06 16.21   JH   1243     2.4-Prichlorophenol/(Surrogate)   55   25-109   %REC   1.0   SW8270C   8/21/08   9/80/06 16.21   JH   1243     2.4-Prichlorophenol/(Surrogate)   52   19-116   %REC   1.0   SW8270C   8/21/08   9/80/06 16.21   JH   1243     2.4-Prichlorophenol/(Surrogate)   52   19-116   %REC   1.0   SW8270C   8/21/08   9/80/06 16.21   JH   1243     2.4-Prichlorophenol/(Surrogate)   52   19-116   %REC   1.0   SW8270C   8/21/08   9/80/06 16.21   JH   1243     2.4-Prichlorophenol/(Surrogate)   52   19-116   %REC   1.0   SW8270C   8/21/08   9/80/06 16.21   JH   1243     2.4-Prichlorophenol/(Surrogate)   52   19-117   %REC   1.0   SW8270C   8/21/08   9/80/06 16.21   JH   1243     2.4-Prichlorophenol/(Surrogate)   52   19-117   %REC   1.0   SW8270C	Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Batch ID
Phenol	Pentachlorophenol	<0.67	0.67		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
Pyrene	Phenanthrene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
1,2,4-Trichlorobenzene	Phenol	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/6/08 16:21	JH	1243
2,4,6-Trichlorophenol	Pyrene	<0.33	0.33		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
2-Chlorophenol-d4(Surrogate) 53 25-108 %REC 1.0 SW8270C 8/21/08 9/8/08 16:21 JH 1243 1,2-Dichlorobenzene-d4(Surrogate) 60 18-106 %REC 1.0 SW8270C 8/21/08 9/8/08 16:21 JH 1243 2-Fluorobiphenyl(Surrogate) 64 22-1111 %REC 1.0 SW8270C 8/21/08 9/8/08 16:21 JH 1243 2-Fluorophenol(Surrogate) 43 25-108 %REC 1.0 SW8270C 8/21/08 9/8/08 16:21 JH 1243 Nitrobenzene-d5(Surrogate) 58 24-108 %REC 1.0 SW8270C 8/21/08 9/8/08 16:21 JH 1243 Nitrobenzene-d5(Surrogate) 55 25-109 %REC 1.0 SW8270C 8/21/08 9/8/08 16:21 JH 1243 4-Terphenyl-d14(Surrogate) 55 25-109 %REC 1.0 SW8270C 8/21/08 9/8/08 16:21 JH 1243 4-Terphenyl-d14(Surrogate) 72 19-116 %REC 1.0 SW8270C 8/21/08 9/8/08 16:21 JH 1243 2,4,6-Tribromophenol(Surrogate) 62 25-117 %REC 1.0 SW8270C 8/21/08 9/8/08 16:21 JH 1243 2,4,6-Tribromophenol(Surrogate) 62 25-117 %REC 1.0 SW8270C 8/21/08 9/8/08 16:21 JH 1243 Arcolor 1016            PREP METHOD: SW3545/SW3550B           Test Performed By: AZO           Arcolor 1016          <0.033 0.033 mg/Kg 0.99 SW8082 8/21/08 8/30/08 0:53 TB 1233 Arcolor 1232	1,2,4-Trichlorobenzene	<0.50	0.50		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
1,2-Dichlorobenzene-d4(Surrogate) 60 18-106 %REC 1.0 SW8270C 8/21/08 9/8/08 16:21 JH 1243 2-Fluorobiphenyl(Surrogate) 64 22-111 %REC 1.0 SW8270C 8/21/08 9/8/08 16:21 JH 1243 2-Fluorobiphenyl(Surrogate) 43 25-108 %REC 1.0 SW8270C 8/21/08 9/8/08 16:21 JH 1243 2-Fluorophenol(Surrogate) 58 24-108 %REC 1.0 SW8270C 8/21/08 9/8/08 16:21 JH 1243 Nitrobenzene-d5(Surrogate) 58 24-108 %REC 1.0 SW8270C 8/21/08 9/8/08 16:21 JH 1243 2-Fluorophenol(Surrogate) 55 25-109 %REC 1.0 SW8270C 8/21/08 9/8/08 16:21 JH 1243 2-Fleorophenol(Surrogate) 72 19-116 %REC 1.0 SW8270C 8/21/08 9/8/08 16:21 JH 1243 2-Fleorophenol(Surrogate) 62 25-117 %REC 1.0 SW8270C 8/21/08 9/8/08 16:21 JH 1243 2-Fleorophenol(Surrogate) 62 25-117 %REC 1.0 SW8270C 8/21/08 9/8/08 16:21 JH 1243 2-FREP METHOD: SW3545/SW3550B Test Parformed By: AZO 2-Floorophenol(Surrogate) 62 25-117 %REC 1.0 SW8270C 8/21/08 8/30/08 0:53 TB 1233 2-FREP METHOD: SW3545/SW3550B Test 1233 2-FREP METHOD: SW3545/SW3550B SW8082 8/21/08 8/30/08 0:53 TB 1233 2-FREP METHOD: SW3545/SW3550B SW8082 8/21/08 8/30/08 0:53 TB 1233 2-FREP METHOD: SW3545/SW3550B SW8082 8/21/08 8/30/08 0:53 TB 1233 2-FREP METHOD: SW3545/SW3550B SW8082 8/21/08 8/30/08 0:53 TB 1233 2-FREP METHOD: SW3545/SW3550B SW8082 8/21/08 8/30/08 0:53 TB 1233 2-FREP METHOD: SW3545/SW3550B SW8082 8/21/08 8/30/08 0:53 TB 1233 2-FREP METHOD: SW3545/SW3550B SW8082 8/21/08 8/30/08 0:53 TB 1233 2-FREP METHOD: SW3545/SW3550B SW8082 8/21/08 8/30/08 0:53 TB 1233 2-FREP METHOD: SW3545/SW3550B SW8082 8/21/08 8/30/08 0:53 TB 1233 2-FREP METHOD: SW3545/SW3550B SW8082 8/21/08 8/30/08 0:53 TB 1233 2-FREP METHOD: SW3545/SW3550B SW8082 8/21/08 8/30/08 0:53 TB 1233 2-FREP METHOD: SW3545/SW3550B SW8082 8/21/08 8/30/08 0:53 TB 1233 2-FREP METHOD: SW3545/SW3550B SW8082 8/21/08 8/30/08 0:53 TB 1233 2-FREP METHOD: SW3545/SW3550B SW8082 8/21/08 8/30/08 0:53 TB 1233 2-FREP METHOD: SW3545/SW3550B SW8082 8/21/08 8/30/08 0:53 TB 1233 2-FREP METHOD: SW3545/SW3550B SW8082 8/21/08 8/30/08 0:53 TB 1233 2-FREP METHOD: SW3545/SW3550B SW8082 8/21/08 8/30/08 0:53 TB 123	2,4,6-Trichlorophenol	<0.50	0.50		mg/Kg	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
2-Fluorobiphenyl(Surrogate) 64 22-111 %REC 1.0 SW8270C 8/21/08 9/8/08 16:21 JH 1243 2-Fluorophenol(Surrogate) 43 25-108 %REC 1.0 SW8270C 8/21/08 9/8/08 16:21 JH 1243 Nitrobenzene-d5(Surrogate) 58 24-108 %REC 1.0 SW8270C 8/21/08 9/8/08 16:21 JH 1243 Phenol-d6(Surrogate) 55 25-109 %REC 1.0 SW8270C 8/21/08 9/8/08 16:21 JH 1243 4-Terphenyl-d14(Surrogate) 72 19-116 %REC 1.0 SW8270C 8/21/08 9/8/08 16:21 JH 1243 2-A,6-Tribromophenol(Surrogate) 62 25-117 %REC 1.0 SW8270C 8/21/08 9/8/08 16:21 JH 1243	2-Chlorophenol-d4(Surrogate)	53	25-108		%REC	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
2-Fluorophenol(Surrogate)	1,2-Dichlorobenzene-d4(Surrogate)	60	18-106		%REC	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
Nitrobenzene-d5(Surrogate) 58 24-108 %REC 1.0 SW8270C 8/21/08 9/6/08 16:21 JH 1243 Phenol-d6(Surrogate) 55 25-109 %REC 1.0 SW8270C 8/21/08 9/6/08 16:21 JH 1243 4-Terphenyl-d14(Surrogate) 72 19-116 %REC 1.0 SW8270C 8/21/08 9/6/08 16:21 JH 1243 2.4.6-Tribromophenol(Surrogate) 62 25-117 %REC 1.0 SW8270C 8/21/08 9/6/08 16:21 JH 1243  **PREP METHOD: SW3545/SW3550B**  **Test Performed By: AZO**  **Aroclor 1016          <0.033 0.033 mg/Kg 0.99 SW8082 8/21/08 8/30/08 0:53 TB 1233 **Aroclor 1221	2-Fluorobiphenyl(Surrogate)	64	22-111		%REC	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
Phenol-d6(Surrogate) 55 25-109 %REC 1.0 SW8270C 8/21/08 9/8/08 16:21 JH 1243 4-Terphenyl-d14(Surrogate) 72 19-116 %REC 1.0 SW8270C 8/21/08 9/8/08 16:21 JH 1243 2,4,6-Tribromophenol(Surrogate) 62 25-117 %REC 1.0 SW8270C 8/21/08 9/8/08 16:21 JH 1243  **PREP METHOD: SW3545/SW3550B**  **Test Performed By: AZO**  **Aroclor 1016	2-Fluorophenol(Surrogate)	43	25-108		%REC	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
4-Terphenyl-d14(Surrogate) 72 19-116 %REC 1.0 SW8270C 8/21/08 9/8/08 16:21 JH 1243  2,4,6-Tribromophenol(Surrogate) 62 25-117 %REC 1.0 SW8270C 8/21/08 9/8/08 16:21 JH 1243  **PREP METHOD: SW3545/SW3550B**  **PREP METHOD: SW3545/SW3	Nitrobenzene-d5(Surrogate)	58	24-108		%REC	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
4-Terphenyl-d14(Surrogate) 72 19-116 %REC 1.0 SW8270C 8/21/08 9/8/08 16:21 JH 1243 2,4,6-Tribromophenol(Surrogate) 62 25-117 %REC 1.0 SW8270C 8/21/08 9/8/08 16:21 JH 1243  **PREP METHOD: SW3545/SW3550B**  **Test Performed By: AZ0**  **Aroclor 1016	Phenol-d6(Surrogate)	55	25-109		%REC	1.0	SW8270C	8/21/08	9/8/08 16:21	JH	1243
## PREP METHOD: SW3545/SW3550B  ## PREP METHOD: SW3545/SW3550B	4-Terphenyl-d14(Surrogate)	72	19-116		%REC	1.0	SW8270C	8/21/08	9/8/08 16:21		1243
Aroclor 1016	2,4,6-Tribromophenol(Surrogate)	62	25-117		%REC	1.0	SW8270C	8/21/08	9/8/08 16:21		1243
Aroclor 1221		PREP METHOD: SW3545/SW3550B						Test Performed By: AZ0133			
Aroclor 1232 < 0.066	Aroclor 1016	<0.033	0.033		mg/Kg	0.99	SW8082	8/21/08	8/30/08 0:53	TB	1233
Aroclor 1242 < 0.033 0.033 mg/Kg 0.99 SW8082 8/21/08 8/30/08 0:53 TB 1233  Aroclor 1248 <0.033 0.033 mg/Kg 0.99 SW8082 8/21/08 8/30/08 0:53 TB 1233  Aroclor 1254 < 0.033 0.033 mg/Kg 0.99 SW8082 8/21/08 8/30/08 0:53 TB 1233  Aroclor 1260 < 0.033 0.033 mg/Kg 0.99 SW8082 8/21/08 8/30/08 0:53 TB 1233  Decachlorobiphenyl(Surrogate) 76 31-165 %REC 0.99 SW8082 8/21/08 8/30/08 0:53 TB 1233	Aroclor 1221	<0.099	0.099		mg/Kg	0.99	SW8082	8/21/08	8/30/08 0:53	ТВ	1233
Aroclor 1248	Aroclor 1232	< 0.066	0.066		mg/Kg	0.99	SW8082	8/21/08	8/30/08 0:53	TB	1233
Aroclor 1248         < 0.033         0.033         mg/Kg         0.99         \$W8082         8/21/08         8/30/08 0:53         TB         1233           Aroclor 1254         < 0.033	Aroclor 1242	< 0.033	0.033		mg/Kg	0.99	SW8082	8/21/08	8/30/08 0:53	TB	1233
Aroclor 1254 < 0.033 0.033 mg/Kg 0.99 SW8082 8/21/08 8/30/08 0:53 TB 1233  Aroclor 1260 <0.033 0.033 mg/Kg 0.99 SW8082 8/21/08 8/30/08 0:53 TB 1233  Decachlorobiphenyl(Surrogate) 76 31-165 %REC 0.99 SW8082 8/21/08 8/30/08 0:53 TB 1233	Aroclor 1248	<0.033	0.033		mg/Kg	0.99	SW8082	8/21/08	8/30/08 0:53		
Aroclor 1260 < 0.033 0.033 mg/Kg 0.99 SW8082 8/21/08 8/30/08 0:53 TB 1233  Decachlorobiphenyl(Surrogate) 76 31-165 %REC 0.99 SW8082 8/21/08 8/30/08 0:53 TB 1233	Aroclor 1254	< 0.033	0.033		mg/Kg	0.99	SW8082	8/21/08	8/30/08 0:53		1233
Decachlorobiphenyl(Surrogate) 76 31-165 %REC 0.99 SW8082 8/21/08 8/30/08 0:53 TB 1233	Aroclor 1260	< 0.033	0.033		mg/Kg	0.99	SW8082	8/21/08	8/30/08 0:53		1233
PONNY(0,)	Decachlorobiphenyl(Surrogate)	76	31-165		%REC	0.99	SW8082	8/21/08	8/30/08 0:53		1233
	TCMX(Surrogate)	88	39-160		%REC	0.99	SW8082	8/21/08	8/30/08 0:53		



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Client Sample ID: B-17-12'

Work Order: Lab ID: 08080174

Collection Date: 8/14/2008 3:25:00 PM

Project Name:

08080174-42 Bond & Bond

Matrix: Soil

Project Number: 48015

Analyta	Damile	יסמ	01	T7 '.	TS 17	Test	Date	Date		
Analyte	Result	PQI	_ Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
		Pi	REP METHOD:	SW3050B					Test Peri	ormed By: AZ0133
Arsenic	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 14:02	MDD	1227
Barium	160	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 14:02	MDD	1227
Cadmium	<1.0	1.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 14:02	MDD	1227
Chromium	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 14:02	MDD	1227
Lead	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 14:02	MDD	1227
Selenium	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 14:02	MDD	1227
Silver	<5.0	5.0		mg/Kg	1.0	SW6010B	8/20/08	8/24/08 14:02	MDD	1227
		PF	EP METHOD:	SW7471A				41 41 41 41 41 41 41 41 41 41 41 41 41 4	Test Perf	ormed By: AZ0133
Mercury	<0.083	0.083		mg/Kg	1.0	SW7471A	8/19/08	8/20/08 16:49	BJL	1213
		PR	EP METHOD:	8015AZR1					Test Perfe	ormed By: AZM133
C10-C22 DRO	36	30		mg/Kg	1.0	8015AZ	8/14/08	8/18/08	MO I	ML6GC13080814
C22-C32 ORO	<100	100		mg/Kg	1.0	8015AZ	8/14/08	8/18/08		VIL6GC13080814
C10-C32 SRL	<130	130		mg/Kg	1.0	8015AZ	8/14/08	8/18/08		VL6GC13080814
o-Terphenyl(Surrogate)	108	70-130		%REC	1.0	8015AZ	8/14/08	8/18/08		ML6GC13080814
		P	REP METHOD	: SW5035					Test Perfe	ormed By: AZM133
Methyl tert-butyl ether	<0.20	0.20		mg/Kg	1.0	SW8021B	8/14/08	8/14/08	MO !	AL6GC14080814
Benzene	<0.050	0.050		mg/Kg	1.0	SW8021B	8/14/08	8/14/08	MO !	ML6GC14080814
Ethylbenzene	<0.10	0.10		mg/Kg	1.0	SW8021B	8/14/08	8/14/08	MO I	/L6GC14080814
Toluene	<0.10	0.10		mg/Kg	1.0	SW8021B	8/14/08	8/14/08	MO I	AL6GC14080814
Xylenes, total	<0.15	0.15		mg/Kg	1.0	SW8021B	8/14/08	8/14/08	MO I	/L6GC14080814
TVFHC (C6-C10)	<10	10		mg/Kg	1.0	SW8021B	8/14/08	8/14/08	MO 1	/L6GC14080814
Bromofluorobenzene(Surrogate)	85	64-127		%REC	1.0	SW8021B	8/14/08	8/14/08	мо и	/L6GC14080814
		PI	REP METHOD:	SW3545	***************************************			engel og 11 promjer i i til kreiste er a semen	Test Perfe	ormed By: AZ0133
Acenaphthene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
Acenaphthylene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
Anthracene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
Azobenzene	<1.7	1.7	D1,L2	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
Benz[a]anthracene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
Benzo[a]pyrene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
Benzo[b]fluoranthene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	JН	1255
Benzo[g,h,i]perylene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
Benzo[k]fluoranthene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
Benzoic acid	<25	25	D1	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
Benzyl alcohol	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
Bis(2-chioroethoxy)methane	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
3is(2-chloroethyl)ether	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-42

Project Name:

Bond & Bond

Project Number: 48015

Client Sample ID: B-17-12'

Collection Date: 8/14/2008 3:25:00 PM

Matrix: Soil

					·	Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Bis(2-chloroisopropyl)ether	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	ĴН	1255
Bis(2-ethylhexyl)phthalate	<1.7	1.7	D1,L1	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
4-Bromophenyl phenyl ether	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
Butyl benzyl phthalate	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
4-Chloro-3-methylphenol	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
4-Chłoroaniline	<3.3	3.3	D1,L2	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
2-Chloronaphthalene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
2-Chlorophenol	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
4-Chlorophenyl phenyl ether	<1.7	1.7	D1,L2	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
Chrysene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	JН	1255
Di-n-butyl phthalate	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
Di-n-octyl phthalate	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
Dibenz[a,h]anthracene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
Dibenzofuran	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
1,2-Dichlorobenzene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
1,3-Dichlorobenzene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
1,4-Dichlorobenzene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22;24	JH	1255
3,3'-Dichlorobenzidine	<8.5	8.5	D1	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
2,4-Dichlorophenol	<2.5	2.5	D1	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
Diethyl phthalate	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
Dimethyl phthalate	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
2,4-Dimethylphenol	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
4,6-Dinitro-2-methylphenol	<10	10	D1	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
2,4-Dinitrophenol	<10	10	D1,L1	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
2,4-Dinitrotoluene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
2,6-Dinitrotoluene	<1.7	1.7	D1,L2	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
Fluoranthene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
Fluorene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
Hexachlorobenzene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
Hexachlorobutadiene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
Hexachlorocyclopentadiene	<10	10	D1	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
Hexachloroethane	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
indeno[1,2,3-cd]pyrene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
Isophorone	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
2-Methylnaphthalene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
2-Methylphenol	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
4-Methylphenol	<2.5	2.5	D1	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
N-Nitrosodi-n-propylamine	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
N-Nitrosodiphenylamine	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
Naphthalene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
Nitrobenzene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
2-Nitrophenol	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
4-Nitrophenol	<10	10	D1,V1	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
		-	-1- '		0.0		0,20,00	SIVIVO ELIET	UII	1200



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Client Sample ID: B-17-12'

Work Order:

08080174

Collection Date: 8/14/2008 3:25:00 PM

Lab ID:

08080174-42

Matrix: Soil

Project Name:

Bond & Bond

Project Number: 48015

						Track	<b>F</b>			
Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date	Amalrat	Dotah ID
								Analyzed	Analyst	Batch ID
Pentachlorophenol	<3.4	3.4	D1	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
Phenanthrene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
Phenol	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
Pyrene	<1.7	1.7	D1	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
1,2,4-Trichlorobenzene	<2.5	2.5	D1	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
2,4,6-Trichlorophenol	<2.5	2.5	D1	mg/Kg	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
2-Chlorophenol-d4(Surrogate)	65	25-108		%REC	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
1,2-Dichlorobenzene-d4(Surrogate)	58	18-106		%REC	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
2-Fluorobiphenyl(Surrogate)	66	22-111		%REC	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
2-Fluorophenol(Surrogate)	59	25-108		%REC	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
Nitrobenzene-d5(Surrogate)	63	24-108		%REC	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
Phenol-d6(Surrogate)	66	25-109		%REC	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
4-Terphenyl-d14(Surrogate)	77	19-116		%REC	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
2,4,6-Tribromophenol(Surrogate)	66	25-117		%REC	5.0	SW8270C	8/25/08	9/9/08 22:24	JH	1255
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PREP ME	THOD: SW	3545/SW3550B					Test Perfor	med By: AZ0133
Aroclor 1016	<0.033	0.033		mg/Kg	1.0	SW8082	8/23/08	9/2/08 23:05	TB	1250
Aroclor 1221	<0.10	0.10		mg/Kg	1.0	SW8082	8/23/08	9/2/08 23:05	ТВ	1250
Aroclor 1232	< 0.067	0.067		mg/Kg	1.0	SW8082	8/23/08	9/2/08 23:05	ТВ	1250
Arodor 1242	< 0.033	0.033		mg/Kg	1.0	SW8082	8/23/08	9/2/08 23:05	TB	1250
Aroclor 1248	<0.033	0.033		mg/Kg	1.0	SW8082	8/23/08	9/2/08 23:05	ТВ	1250
Aroclor 1254	< 0.033	0.033		mg/Kg	1.0	SW8082	8/23/08	9/2/08 23:05	TB	1250
Arocior 1260	< 0.033	0.033		mg/Kg	1.0	SW8082	8/23/08	9/2/08 23:05	TB	1250
Decachlorobiphenyl(Surrogate)	85	31-165		%REC	1.0	SW8082	8/23/08	9/2/08 23:05	ТВ	1250
TCMX(Surrogate)	83	39-160		%REC	1.0	SW8082	8/23/08	9/2/08 23:05	TB	1250



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Lab ID:

08080174-43

Project Name:

Bond & Bond

Project Number: 48015

Client Sample ID: B-17-GW

Collection Date: 8/14/2008 3:30:00 PM

Matrix: Water

Analyte Re	sult	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analys	t Batch ID
		PRE	P METHOD:	SW5030B					Test Pe	formed By: AZ0133
Methyl tert-butyl ether	<200	200	D1	μg/L	50	SW8021B	8/14/08	8/14/08	MO	ML6GC14080814B
Benzene	<50	50	D1	μg/L	50	SW8021B	8/14/08	8/14/08		ML6GC14080814B
Ethylbenzene	<100	100	D1	μg/L	50	SW8021B	8/14/08	8/14/08	МО	ML6GC14080814B
Toluene	<100	100	D1	μg/L	50	SW8021B	8/14/08	8/14/08	МО	ML6GC14080814B
Xylenes, total	<150	150	D1	µg/L	50	SW8021B	8/14/08	8/14/08	МО	ML6GC14080814B
TVFHC (C6-C10)	20000	2000	D2	μg/L	10	SW8021B	8/14/08	8/14/08	MO	ML6GC14080814B
Bromofluorobenzene(Surrogate)	110	70-130		%REC	50	SW8021B	8/14/08	8/14/08	_	ML6GC14080814B
	**************************************	PREP M	ETHOD: SN	/3510C-MOD				***************************************	Test Per	formed By: AZM133
C10-C22 DRO	13	3.0		mg/L	1.0	8015MOD	8/14/08	8/18/08	МО	ML6GC13080814B
C22-C32 ORO	<10	10		mg/L	1.0	8015MOD	8/14/08	8/18/08		ML6GC13080814B
o-Terphenyl(Surrogate)	96	70-130		%REC	1.0	8015MOD	8/14/08	8/18/08	_	ML6GC13080814B



16-Oct-08

Method Blank

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Project:

Bond & Bond/48015

## **QC SUMMARY REPORT**

Test Date Date Analyte Result POL Qual Units DF Code Prepared Analyzed Analyst Batch ID Arsenic SW6010B <5.0 5.0 mg/Kg 1 8/19/08 8/22/08 19:08 1200 MDD Barium SW6010B 8/19/08 <5.0 5.0 mg/Kg 1 8/22/08 19:08 MDD 1200 Cadmium <1.0 1.0 mg/Kg 1 SW6010B 8/19/08 8/22/08 19:08 MDD 1200 Chromium < 5.0 5.0 mg/Kg 1 SW6010B 8/19/08 8/22/08 19:08 MDD 1200 Lead SW6010B < 5.0 5.0 mg/Kg 1 8/19/08 8/22/08 19:08 MDD 1200 Selenium < 5.0 1 SW6010B 8/19/08 5.0 mg/Kg 8/22/08 19:08 MDD 1200 Silver SW6010B 8/19/08 <5.0 5.0 mg/Kg 1 8/22/08 19:08 MDD 1200 Arsenic <5.0 SW6010B 8/20/08 5.0 mg/Kg 1 8/24/08 11:41 1226 MDD Barium < 5.0 5.0 mg/Kg 1 SW6010B 8/20/08 8/24/08 11:41 MDD 1226 Cadmium SW6010B <1.0 8/20/08 1.0 mg/Kg 1 8/24/08 11:41 MDD 1226 Chromium <5.0 mg/Kg SW6010B 8/20/08 5.0 1 8/24/08 11:41 MDD 1226 Lead <5.0 mg/Kg 1 SW6010B 8/20/08 8/24/08 11:41 5.0 MDD 1226 Selenium SW6010B 8/20/08 < 5.0 5.0 mg/Kg 1 8/24/08 11:41 MDD 1226 Silver < 5.0 1 SW6010B 8/20/08 5.0 mg/Kg 8/24/08 11:41 1226 MDD Arsenic <5.0 SW6010B 5.0 mg/Kg 1 8/20/08 8/24/08 13:38 MDD 1227 Banum SW6010B 8/20/08 < 5.0 5.0 mg/Kg 1 8/24/08 13:38 MDD 1227 Cadmium SW6010B 8/20/08 <1.0 1.0 mg/Kg 1 8/24/08 13:38 MDD 1227 Chromium SW6010B < 5.0 5.0 mg/Kg 1 8/20/08 8/24/08 13:38 1227 MDD Lead < 5.0 5.0 mg/Kg 1 SW6010B 8/20/08 8/24/08 13:38 MDD 1227 Selenium <5.0 5.0 mg/Kg 1 SW6010B 8/20/08 8/24/08 13:38 MDD 1227 Silver <5.0 5.0 mg/Kg 1 SW6010B 8/20/08 8/24/08 13:38 MDD 1227 Mercury < 0.083 SW7471A 8/19/08 0.083 mg/Kg 1 8/20/08 15:33 BJL 1212 Mercury SW7471A < 0.083 8/19/08 0.083 mg/Kg 1 8/20/08 16:14 BJL 1213 C10-C22 DRO 8015AZ 8/11/08 <30 30 mg/Kg 1 8/11/08 ML6GC13080811 MO C22-C32 ORO <100 100 mg/Kg 1 8015AZ 8/11/08 8/11/08 MO ML6GC13080811 C10-C32 SRL 8015AZ 8/11/08 <130 130 mg/Kg 1 8/11/08 MO ML6GC13080811 o-Terphenyl %REC 8015AZ 98 70-130 8/11/08 8/11/08 ML6GC13080811 MO C10-C22 DRO <30 30 mg/Kg 8015AZ 8/12/08 8/12/08 MO ML6GC13080812 C22-C32 ORO mg/Kg 8015AZ 8/12/08 <100 100 1 8/12/08 MO ML6GC13080812 C10-C32 SRL <130 130 mg/Kg 1 8015AZ 8/12/08 8/12/08 MO ML6GC13080812 o-Terphenyl %REC 8015AZ 99 1 8/12/08 8/12/08 70-130 MO ML6GC13080812 C10-C22 DRO <30 8015AZ 8/13/08 30 mg/Kg 1 8/13/08 MO ML6GC13080813 C22-C32 ORO <100 100 mg/Kg 8015AZ 8/13/08 8/13/08 MO ML6GC13080813 C10-C32 SRL 8015AZ 8/13/08 <130 130 mg/Kg 1 8/13/08 MO ML6GC13080813 o-Terphenyl 104 70-130 %REC 1 8015AZ 8/13/08 8/13/08 MO ML6GC13080813 C10-C22 DRO <30 30 mg/Kg 8015AZ 8/14/08 8/18/08 MO ML6GC13080814 C22-C32 ORO 8015AZ <100 100 mg/Kg 1 8/14/08 8/18/08 MO ML6GC13080814 C10-C32 SRL <130 8015AZ 8/14/08 8/18/08 130 mg/Kg ML6GC13080814 MO o-Terphenyl 8015AZ %REC 8/14/08 96 8/18/08 70-130 MO ML6GC13080814



16-Oct-08

Method Blank

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Project:

Bond & Bond/48015

		····								
Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analwet	Batch ID
Methyl tert-butyl ether	<0.20	0.20		mg/Kg	1.0000	SW8021B	8/11/08	8/11/08		***************************************
Benzene	<0.050	0.050		mg/Kg	1.0000	SW8021B	8/11/08	8/11/08	MO	ML6GC14080811
Ethylbenzene	<0.030	0.030		mg/Kg	1.0000	SW8021B	8/11/08	8/11/08	MO	ML6GC14080811
Toluene	<0.10	0.10		mg/Kg	1.0000	SW8021B	8/11/08	8/11/08	МО	ML6GC14080811
Xylenes, total	<0.15	0.10		mg/Kg	1.0000	SW8021B SW8021B	8/11/08	8/11/08	MO	ML6GC14080811
TVFHC (C6-C10)	<10	10		mg/Kg	1.0000	SW8021B	8/11/08		MO	ML6GC14080811
Bromofluorobenzene	104	64-127		%REC	1.0000	SW8021B	8/11/08	8/11/08	MO	ML6GC14080811
							0/11/06	8/11/08	МО	ML6GC14080811
Methyl tert-butyl ether	<0.20	0.20		mg/Kg	1.0000	SW8021B	8/12/08	8/12/08	MO	ML6GC14080812
Benzene	<0.050	0.050		mg/Kg	1.0000	SW8021B	8/12/08	8/12/08	MO	ML6GC14080812
Ethylbenzene	<0.10	0.10		mg/Kg	1.0000	SW8021B	8/12/08	8/12/08	MO	ML6GC14080812
Toluene	<0.10	0.10		mg/Kg	1.0000	SW8021B	8/12/08	8/12/08	MO	ML6GC14080812
Xylenes, total	<0.15	0.15		mg/Kg	1.0000	SW80218	8/12/08	8/12/08	МО	ML6GC14080812
TVFHC (C6-C10)	<10	10		mg/Kg	1.0000	SW8021B	8/12/08	8/12/08	МО	ML6GC14080812
Bromofluorobenzene	103	64-127		%REC	1.0000	SW8021B	8/12/08	8/12/08	MO	ML6GC14080812
Methyl tert-butyl ether	<0.20	0.20		mg/Kg	1.0000	SW8021B	8/13/08	8/13/08	МО	ML6GC14080813
Benzene	< 0.050	0.050		mg/Kg	1.0000	SW8021B	8/13/08	8/13/08	MO	ML6GC14080813
Ethylbenzene	<0.10	0.10		mg/Kg	1.0000	SW8021B	8/13/08	8/13/08	MO	ML6GC14080813
Toluene	< 0.10	0.10		mg/Kg	1.0000	SW8021B	8/13/08	8/13/08	MO	ML6GC14080813
Xylenes, total	< 0.15	0.15		mg/Kg	1.0000	SW8021B	8/13/08	8/13/08	MO	ML6GC14080813
TVFHC (C6-C10)	<10	10		mg/Kg	1.0000	SW8021B	8/13/08	8/13/08	MO	ML6GC14080813
Bromofluorobenzene	101	64-127		%REC	1.0000	SW8021B	8/13/08	8/13/08	MO	ML6GC14080813
Methyl tert-butyl ether	<0.20	0.20		mg/Kg	1.0000	SW8021B	8/14/08	8/14/08	MO	ML6GC14080814
Benzene	<0.050	0.050		mg/Kg	1.0000	SW8021B	8/14/08	8/14/08	MO	ML6GC14080814
Ethylbenzene	< 0.10	0.10		mg/Kg	1.0000	SW8021B	8/14/08	8/14/08	MO	ML6GC14080814
Toluene	<0.10	0.10		mg/Kg	1.0000	SW8021B	8/14/08	8/14/08	MO	ML6GC14080814
Xylenes, total	<0.15	0.15	i	mg/Kg	1.0000	SW8021B	8/14/08	8/14/08	MO	ML6GC14080814
TVFHC (C6-C10)	<10	10		mg/Kg	1.0000	SW8021B	8/14/08	8/14/08	MO	ML6GC14080814 ML6GC14080814
Bromofluorobenzene	107	64-127		%REC	1.0000	SW8021B	8/14/08	8/14/08		
•	101	UT-121		701 NEW C	1.0000	0.100210	0114100	0/ 14/00	MO	ML6GC14080814



16-Oct-08

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Project:

Bond & Bond/48015

## QC SUMMARY REPORT

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Acenaphthene	< 0.33	0.33		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
Acenaphthylene	< 0.33	0.33		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
Anthracene	< 0.33	0.33		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
Azobenzene	< 0.33	0.33		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JН	1195
Benz[a]anthracene	< 0.33	0.33		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
Benzo[a]pyrene	< 0.33	0.33		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
Benzo[b]fluoranthene	< 0.33	0.33		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
Benzo[g,h,i]perylene	< 0.33	0.33		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
Benzo[k]fluoranthene	< 0.33	0.33		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
Benzoic acid	<5.0	5.0		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
Benzyl alcohol	< 0.33	0.33		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
Bis(2-chloroethoxy)methane	< 0.33	0.33		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
Bis(2-chloroethyl)ether	< 0.33	0.33		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
Bis(2-chloroisopropyl)ether	< 0.33	0.33		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
Bis(2-ethylhexyl)phthalate	< 0.33	0.33		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
4-Bromophenyl phenyl ether	< 0.33	0.33		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
Butyl benzyl phthalate	< 0.33	0.33		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
4-Chloro-3-methylphenol	< 0.33	0.33		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
4-Chloroaniline	<0.66	0.66		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
2-Chloronaphthalene	< 0.33	0.33		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
2-Chlorophenol	< 0.33	0.33		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
4-Chlorophenyl phenyl ether	< 0.33	0.33		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
Chrysene	< 0.33	0.33		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
Di-n-butyl phthalate	< 0.33	0.33		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
Di-n-octyl phthalate	< 0.33	0.33		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JН	1195
Dibenz[a,h]anthracene	< 0.33	0.33		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
Dibenzofuran	< 0.33	0.33		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
1,2-Dichlorobenzene	< 0.33	0.33		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JΗ	1195
1,3-Dichlorobenzene	< 0.33	0.33		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
1,4-Dichlorobenzene	< 0.33	0.33		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
3,3'-Dichlorobenzidine	<1.7	1.7		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
2,4-Dichlorophenol	< 0.50	0.50		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
Diethyl phthalate	< 0.33	0.33		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
Dimethyl phthalate	< 0.33	0.33		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
2,4-Dimethylphenol	< 0.33	0.33		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
4,6-Dinitro-2-methylphenol	<2.0	2.0		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
2,4-Dinitrophenol	<2.0	2.0		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
2,4-Dinitrotoluene	< 0.33	0.33		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
2,6-Dinitrotoluene	< 0.33	0.33		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
Fluoranthene	< 0.33	0.33		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
Fluorene	< 0.33	0.33		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
Hexachlorobenzene	< 0.33	0.33		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
Hexachlorobutadiene	< 0.33	0.33		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
Hexachlorocyclopentadiene	<2.0	2.0		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
Hexachloroethane	<0.33	0.33		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195



16-Oct-08

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Project:

Bond & Bond/48015

**QC SUMMARY REPORT** 

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Indeno[1,2,3-cd]pyrene	<0.33	0.33		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
Isophorone	< 0.33	0.33		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
2-Methylnaphthalene	< 0.33	0.33		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
2-Methylphenol	< 0.33	0.33		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
4-Methylphenol	< 0.50	0.50		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
N-Nitrosodi-n-propylamine	< 0.33	0.33		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
N-Nitrosodiphenylamine	< 0.33	0.33		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
Naphthalene	< 0.33	0.33		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
Nitrobenzene	< 0.33	0.33		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
2-Nitrophenol	< 0.33	0.33		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
4-Nitrophenol	<2.0	2.0		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
Pentachlorophenol	< 0.67	0.67		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
Phenanthrene	< 0.33	0.33		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
Phenol	< 0.33	0.33		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
Pyrene	< 0.33	0.33		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
1,2,4-Trichlorobenzene	< 0.50	0.50		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
2,4,6-Trichlorophenol	< 0.50	0.50		mg/Kg	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
2-Chlorophenol-d4	88	25-108		%REC	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
1,2-Dichlorobenzene-d4	90	18-106		%REC	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
2-Fluorobiphenyl	92	22-111		%REC	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
2-Fluorophenol	81	25-108		%REC	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
Nitrobenzene-d5	92	24-108		%REC	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
Phenol-d6	89	25-109		%REC	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
4-Terphenyl-d14	95	19-116		%REC	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195
2,4,6-Tribromophenol	56	25-117		%REC	1	SW8270C	8/19/08	8/22/08 15:11	JH	1195



16-Oct-08

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Project: Bond & Bond/48015

QC SUMMARY REPORT

				***************************************		Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Acenaphthene	< 0.33	0.33		mg/Kg	1	SW8270C	8/21/08	8/26/08 14:08	JH	1243
Acenaphthylene	< 0.33	0.33		mg/Kg	1	SW8270C	8/21/08	8/26/08 14:08	JH	1243
Anthracene	< 0.33	0.33		mg/Kg	1	SW8270C	8/21/08	8/26/08 14:08	JH	1243
Azobenzene	< 0.33	0.33		mg/Kg	1	SW8270C	8/21/08	8/26/08 14:08	JH	1243
Benz[a]anthracene	< 0.33	0.33		mg/Kg	1	SW8270C	8/21/08	8/26/08 14:08	JH	1243
Benzo[a]pyrene	< 0.33	0.33		mg/Kg	1	SW8270C	8/21/08	8/26/08 14:08	JH	1243
Benzo[b]fluoranthene	< 0.33	0.33		mg/Kg	1	SW8270C	8/21/08	8/26/08 14:08	JH	1243
Benzo[g,h,i]perylene	< 0.33	0.33		mg/Kg	1	SW8270C	8/21/08	8/26/08 14:08	JH	1243
Benzo[k]fluoranthene	< 0.33	0.33		mg/Kg	1	SW8270C	8/21/08	8/26/08 14:08	JH	1243
Benzoic acid	<5.0	5.0		mg/Kg	1	SW8270C	8/21/08	8/26/08 14:08	JH	1243
Benzyl alcohol	< 0.33	0.33		mg/Kg	1	SW8270C	8/21/08	8/26/08 14:08	JH	1243
Bis(2-chloroethoxy)methane	<0.33	0.33		mg/Kg	1	SW8270C	8/21/08	8/26/08 14:08	JH	1243
Bis(2-chloroethyl)ether	< 0.33	0.33		mg/Kg	1	SW8270C	8/21/08	8/26/08 14:08	JH	1243
Bis(2-chloroisopropyl)ether	< 0.33	0.33		mg/Kg	1	SW8270C	8/21/08	8/26/08 14:08	JH	1243
Bis(2-ethylhexyl)phthalate	<0.33	0.33		mg/Kg	1	SW8270C	8/21/08	8/26/08 14:08	JH	1243
4-Bromophenyl phenyl ether	<0.33	0.33		mg/Kg	1	SW8270C	8/21/08	8/26/08 14:08	JH	1243
Butyl benzyl phthalate	<0.33	0.33		mg/Kg	1	SW8270C	8/21/08	8/26/08 14:08	JH	1243
4-Chloro-3-methylphenol	<0.33	0.33		mg/Kg	1	SW8270C	8/21/08	8/26/08 14:08	JH	1243
4-Chloroaniline	<0.66	0.66		mg/Kg	1	SW8270C	8/21/08	8/26/08 14:08	JH	1243
2-Chloronaphthalene	<0.33	0.33		mg/Kg	1	SW8270C	8/21/08	8/26/08 14:08	JH	1243
2-Chlorophenol	<0.33	0.33		mg/Kg	1	SW8270C	8/21/08	8/26/08 14:08	JH	1243
4-Chlorophenyl phenyl ether	<0.33	0.33		mg/Kg	1	SW8270C	8/21/08	8/26/08 14:08	JH	1243
Chrysene	<0.33	0.33		mg/Kg	1	SW8270C	8/21/08	8/26/08 14:08	JH	1243
Di-n-butyl phthalate	<0.33	0.33		mg/Kg	1	SW8270C	8/21/08	8/26/08 14:08	JH	1243
Di-n-octyl phthalate	<0.33	0.33		mg/Kg	1	SW8270C	8/21/08	8/26/08 14:08	JH	1243
Dibenz[a,h]anthracene	<0.33	0.33		mg/Kg	1	SW8270C	8/21/08	8/26/08 14:08	JH	1243
Dibenzofuran	<0.33	0.33		mg/Kg	1	SW8270C	8/21/08	8/26/08 14:08	JH	1243
1,2-Dichlorobenzene	<0.33	0.33		mg/Kg	1	SW8270C	8/21/08	8/26/08 14:08	JH	1243
1,3-Dichlorobenzene	<0.33	0.33		mg/Kg	1	SW8270C	8/21/08	8/26/08 14:08	JH	1243
1,4-Dichlorobenzene	< 0.33	0.33		mg/Kg	1	SW8270C	8/21/08	8/26/08 14:08	JH	1243
3,3'-Dichlorobenzidine	<1.7	1.7		mg/Kg	1	SW8270C	8/21/08	8/26/08 14:08	JH	1243
2,4-Dichlorophenol	<0.50	0.50		mg/Kg	1	SW8270C	8/21/08	8/26/08 14:08	JH	1243
Diethyl phthalate	<0.33	0.33		mg/Kg	1	SW8270C	8/21/08	8/26/08 14:08	JH	1243
Dimethyl phthalate	< 0.33	0.33		mg/Kg	1	SW8270C	8/21/08	8/26/08 14:08	JH	1243
2,4-Dimethylphenol	< 0.33	0.33		mg/Kg	1	SW8270C	8/21/08	8/26/08 14:08	JН	1243
4,6-Dinitro-2-methylphenol	<2.0	2.0		mg/Kg	1	SW8270C	8/21/08	8/26/08 14:08		1243
2,4-Dinitrophenol	<2.0	2.0		mg/Kg	1	SW8270C	8/21/08	8/26/08 14:08	JH	
2,4-Dinitrotoluene	<0.33	0.33		mg/Kg	1	SW8270C	8/21/08	8/26/08 14:08	JH	1243
2,6-Dinitrotoluene	<0.33	0.33		mg/Kg	1	SW8270C	8/21/08	8/26/08 14:08	JH	1243
Fluoranthene	<0.33				1	SW8270C	8/21/08		JH	1243
Fluorene	<0.33	0.33 0.33		mg/Kg	1	SW8270C	8/21/08	8/26/08 14:08	JH	1243
Hexachlorobenzene	<0.33			mg/Kg mg/Kg		SW8270C	8/21/08	8/26/08 14:08	JH	1243
Hexachlorobutadiene	<0.33	0.33		mg/Kg mg/Kg	1	SW8270C		8/26/08 14:08	JH	1243
Hexachlorocyclopentadiene	<0.33 <2.0	0.33		mg/Kg	1	SW8270C SW8270C	8/21/08	8/26/08 14:08	JH	1243
Hexachloroethane		2.0		mg/Kg mg/Kg		SW8270C SW8270C	8/21/08	8/26/08 14:08	JH	1243
	<0.33	0.33		mg/Kg	1	GW621UC	8/21/08	8/26/08 14:08	JH	1243



16-Oct-08

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Project:

Bond & Bond/48015

QC SUMMARY REPORT

Analyte	Result	PQL	Oual	Units	DF	Test Code	Date	Date		
Indeno[1,2,3-cd]pyrene			Quai				Prepared	Analyzed	Analyst	Batch ID
Isophorone	< 0.33	0.33		mg/Kg	1	SW8270C	8/21/08	8/26/08 14:08	JH	1243
·	<0.33	0.33		mg/Kg	1	SW8270C	8/21/08	8/26/08 14:08	JH	1243
2-Methylnaphthalene	< 0.33	0.33		mg/Kg	1	SW8270C	8/21/08	8/26/08 14:08	JH	1243
2-Methylphenol	<0.33	0.33		mg/Kg	1	SW8270C	8/21/08	8/26/08 14:08	JH	1243
4-Methylphenol	<0.50	0.50		mg/Kg	1	SW8270C	8/21/08	8/26/08 14:08	JH	1243
N-Nitrosodi-n-propylamine	< 0.33	0.33		mg/Kg	1	SW8270C	8/21/08	8/26/08 14:08	JH	1243
N-Nitrosodiphenylamine	< 0.33	0.33		mg/Kg	1	SW8270C	8/21/08	8/26/08 14:08	JH	1243
Naphthalene	< 0.33	0.33		mg/Kg	1	SW8270C	8/21/08	8/26/08 14:08	JH	1243
Nitrobenzene	< 0.33	0.33		mg/Kg	1	SW8270C	8/21/08	8/26/08 14:08	JH	1243
2-Nitrophenol	< 0.33	0.33		mg/Kg	1	SW8270C	8/21/08	8/26/08 14:08	JH	1243
4-Nitrophenol	<2.0	2.0		mg/Kg	1	SW8270C	8/21/08	8/26/08 14:08	JH	1243
Pentachlorophenol	< 0.67	0.67		mg/Kg	1	SW8270C	8/21/08	8/26/08 14:08	JH	1243
Phenanthrene	< 0.33	0.33		mg/Kg	1	SW8270C	8/21/08	8/26/08 14:08	JH	1243
Phenol	< 0.33	0.33		mg/Kg	1	SW8270C	8/21/08	8/26/08 14:08	JH	1243
Pyrene	< 0.33	0.33		mg/Kg	1	SW8270C	8/21/08	8/26/08 14:08	JH	1243
1,2,4-Trichlorobenzene	< 0.50	0.50		mg/Kg	1	SW8270C	8/21/08	8/26/08 14:08	JH	1243
2,4,6-Trichlorophenol	< 0.50	0.50		mg/Kg	1	SW8270C	8/21/08	8/26/08 14:08	JH	1243
2-Chlorophenol-d4	79	25-108		%REC	1	SW8270C	8/21/08	8/26/08 14:08	JH	1243
1,2-Dichlorobenzene-d4	84	18-106		%REC	1	SW8270C	8/21/08	8/26/08 14:08	JH	1243
2-Fluorobiphenyl	83	22-111		%REC	1	SW8270C	8/21/08	8/26/08 14:08	JH	1243
2-Fluorophenol	74	25-108		%REC	1	SW8270C	8/21/08	8/26/08 14:08	JH	1243
Nitrobenzene-d5	81	24-108		%REC	1	SW8270C	8/21/08	8/26/08 14:08		1243
Phenol-d6	79	25-109		%REC	1	SW8270C	8/21/08	8/26/08 14:08	JH	
4-Terphenyl-d14	99	19-116		%REC	1	SW8270C	8/21/08	8/26/08 14:08	JH	1243
2,4,6-Tribromophenol	79	25-117		%REC	4	SW8270C			JH	1243
	10	Z0-11/		/erteu	E	SYVOZIUC	8/21/08	8/26/08 14:08	JH	1243



16-Oct-08

Method Blank

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Project:

Bond & Bond/48015

## QC SUMMARY REPORT

Test Date Date Analyte Result POL Qual Units Code Analyzed Analyst DF Prepared Batch ID Acenaphthene < 0.33 0.33 mg/Kg 1 SW8270C 8/25/08 9/5/08 5:22 1255 JН Acenaphthylene SW8270C 8/25/08 < 0.33 mg/Kg 1 0.33 9/5/08 5:22 1255 JΗ Anthracene SW8270C 8/25/08 < 0.33 0.33 mg/Kg 1 9/5/08 5:22 JH 1255 Azobenzene < 0.33 mg/Kg 1 SW8270C 8/25/08 9/5/08 5:22 0.33 JH 1255 Benz[a]anthracene SW8270C 8/25/08 < 0.33 0.33mg/Kg 1 9/5/08 5:22 JH 1255 Benzo[a]pyrene SW8270C 8/25/08 < 0.33 0.33 mg/Kg 1 9/5/08 5:22 1255 JH Benzo[b]fluoranthene 8/25/08 < 0.33 mg/Kg 1 SW8270C 9/5/08 5:22 0.33 JH 1255 Benzo[g,h,i]perylene SW8270C 8/25/08 < 0.33 0.33 mg/Kg 1 9/5/08 5:22 JΗ 1255 Benzo[k]fluoranthene 9/5/08 5:22 < 0.33 0.33 mg/Kg 1 SW8270C 8/25/08 1255 JH Benzoic acid 8/25/08 < 5.0 5.0 mg/Kg 1 SW8270C 9/5/08 5:22 JΗ 1255 Benzyl alcohol < 0.33 mg/Kg 1 SW8270C 8/25/08 0.33 9/5/08 5:22 1255 JΗ Bis(2-chloroethoxy)methane < 0.33 SW8270C 8/25/08 9/5/08 5:22 0.33 mg/Kg JН 1255 Bis(2-chloroethyl)ether SW8270C 8/25/08 < 0.33 0.33 mg/Kg 1 9/5/08 5:22 JH 1255 Bis(2-chloroisopropyl)ether < 0.33 0.33 mg/Kg 1 SW8270C 8/25/08 9/5/08 5:22 JH 1255 Bis(2-ethylhexyl)phthalate SW8270C 8/25/08 9/5/08 5:22 < 0.33 0.33 mg/Kg 1 JH 1255 4-Bromophenyl phenyl ether SW8270C 8/25/08 < 0.33 0.33 mg/Kg 1 9/5/08 5:22 JH 1255 Butyl benzyl phthalate 8/25/08 SW8270C < 0.33 0.33 mg/Kg 1 9/5/08 5:22 1255 JΗ 4-Chioro-3-methylphenol < 0.33 0.33 mg/Kg 1 SW8270C 8/25/08 9/5/08 5:22 1255 JΗ 4-Chloroaniline < 0.66 0.66 mg/Kg 1 SW8270C 8/25/08 9/5/08 5:22 1255 JΗ 2-Chloronaphthalene 0.33 SW8270C 8/25/08 < 0.33 mg/Kg 1 9/5/08 5:22 JΗ 1255 2-Chlorophenol < 0.33 0.33 mg/Kg 1 SW8270C 8/25/08 9/5/08 5:22 JH 1255 4-Chlorophenyl phenyl ether < 0.33 mg/Kg 1 SW8270C 8/25/08 9/5/08 5:22 0.33 1255 JH Chrysene < 0.33 SW8270C 8/25/08 9/5/08 5:22 0.33 mg/Kg JΗ 1255 Di-n-butyl phthalate SW8270C 8/25/08 < 0.33 0.33 mg/Kg 1 9/5/08 5:22 1255 JH Di-n-octyl phthalate SW8270C 8/25/08 < 0.33 0.33 mg/Kg 9/5/08 5:22 JH 1255 Dibenz[a,h]anthracene SW8270C 8/25/08 < 0.33 0.33 mg/Kg 1 9/5/08 5:22 JH 1255 Dibenzofuran SW8270C 8/25/08 < 0.33 0.33 mg/Kg 9/5/08 5:22 JH 1255 1.2-Dichlorobenzene SW8270C 8/25/08 < 0.33 0.33 mg/Kg 1 9/5/08 5:22 JH 1255 1,3-Dichlorobenzene mg/Kg < 0.33 0.33 SW8270C 8/25/08 9/5/08 5:22 1255 JΗ 1.4-Dichlorobenzene SW8270C 8/25/08 < 0.33 0.33 mg/Kg 9/5/08 5:22 1255 JΗ 3,3'-Dichlorobenzidine mg/Kg SW8270C 8/25/08 <1.7 1.7 1 9/5/08 5:22 JΗ 1255 2,4-Dichlorophenol < 0.50 0.50 mg/Kg SW8270C 8/25/08 9/5/08 5:22 JH 1255 Diethyl phthalate < 0.33 mg/Kg SW8270C 8/25/08 0.33 1 9/5/08 5:22 JĦ 1255 Dimethyl phthalate < 0.33 0.33 mg/Kg SW8270C 8/25/08 9/5/08 5:22 JH 1255 2,4-Dimethylphenol < 0.33 SW8270C 8/25/08 0.33 mg/Kg 9/5/08 5:22 JΗ 1255 4,6-Dinitro-2-methylphenol SW8270C 8/25/08 < 2.0 2.0 mg/Kg 9/5/08 5:22 JH 1255 2,4-Dinitrophenol SW8270C 8/25/08 1 9/5/08 5:22 <2.0 2.0 mg/Kg JH 1255 2,4-Dinitrotoluene SW8270C 8/25/08 < 0.33 0.33 mg/Kg 9/5/08 5:22 JΗ 1255 2.6-Dinitrotoluene 8/25/08 < 0.33 0.33 mg/Kg SW8270C 9/5/08 5:22 JH 1255 Fluoranthene < 0.33 0.33 mg/Kg 1 SW8270C 8/25/08 9/5/08 5:22 JH 1255 Fluorene SW8270C 8/25/08 < 0.33 0.33 mg/Kg 1 9/5/08 5:22 1255 JH Hexachiorobenzene < 0.33 0.33 1 SW8270C 8/25/08 mg/Kg 9/5/08 5:22 JH 1255 Hexachlorobutadiene < 0.33 0.33 mg/Kg SW8270C 8/25/08 9/5/08 5:22 JH 1255 Hexachiorocyclopentadiene <2.0 2.0 mg/Kg 1 SW8270C 8/25/08 9/5/08 5:22 JΗ 1255 Hexachloroethane < 0.33 mg/Kg SW8270C 8/25/08 9/5/08 5:22 0.33 JΗ 1255



16-Oct-08

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Project:

Bond & Bond/48015

## QC SUMMARY REPORT

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Indeno[1,2,3-cd]pyrene	< 0.33	0.33		mg/Kg	1	SW8270C	8/25/08	9/5/08 5:22	JH	1255
Isophorone	< 0.33	0.33		mg/Kg	1	SW8270C	8/25/08	9/5/08 5:22	JH	1255
2-Methylnaphthalene	< 0.33	0.33		mg/Kg	1	SW8270C	8/25/08	9/5/08 5:22	JH	1255
2-Methylphenol	< 0.33	0.33		mg/Kg	1	SW8270C	8/25/08	9/5/08 5:22	JH	1255
4-Methylphenol	< 0.50	0.50		mg/Kg	1	SW8270C	8/25/08	9/5/08 5:22	JH	1255
N-Nitrosodi-n-propylamine	< 0.33	0.33		mg/Kg	1	SW8270C	8/25/08	9/5/08 5:22	JH	1255
N-Nitrosodiphenylamine	< 0.33	0.33		mg/Kg	1	SW8270C	8/25/08	9/5/08 5:22	JĤ	1255
Naphthalene	< 0.33	0.33		mg/Kg	1	SW8270C	8/25/08	9/5/08 5:22	JH	1255
Nitrobenzene	< 0.33	0.33		mg/Kg	1	SW8270C	8/25/08	9/5/08 5:22	JH	1255
2-Nitrophenol	<0.33	0.33		mg/Kg	1	SW8270C	8/25/08	9/5/08 5:22	JH	1255
4-Nitrophenol	<2.0	2.0		mg/Kg	1	SW8270C	8/25/08	9/5/08 5:22	JH	1255
Pentachlorophenol	< 0.67	0.67		mg/Kg	1	SW8270C	8/25/08	9/5/08 5:22	JH	1255
Phenanthrene	< 0.33	0.33		mg/Kg	1	SW8270C	8/25/08	9/5/08 5:22	JH	1255
Phenol	< 0.33	0.33		mg/Kg	1	SW8270C	8/25/08	9/5/08 5:22	JH	1255
Pyrene	< 0.33	0.33		mg/Kg	1	SW8270C	8/25/08	9/5/08 5:22	JH	1255
1,2,4-Trichlorobenzene	< 0.50	0.50		mg/Kg	1	SW8270C	8/25/08	9/5/08 5:22	JH	1255
2,4,6-Trichlorophenol	<0.50	0.50		mg/Kg	1	SW8270C	8/25/08	9/5/08 5:22	JH	1255
2-Chlorophenol-d4	85	25-108		%REC	1	SW8270C	8/25/08	9/5/08 5:22	JH	1255
1,2-Dichlorobenzene-d4	90	18-106		%REC	1	SW8270C	8/25/08	9/5/08 5:22	JH	1255
2-Fluorobiphenyl	90	22-111		%REC	1	SW8270C	8/25/08	9/5/08 5:22	JH	1255
2-Fluorophenol	80	25-108		%REC	1	SW8270C	8/25/08	9/5/08 5:22	JH	1255
Nitrobenzene-d5	88	24-108		%REC	1	SW8270C	8/25/08	9/5/08 5:22	JH	1255
Phenol-d6	85	25-109		%REC	1	SW8270C	8/25/08	9/5/08 5:22	JH	1255
4-Terphenyl-d14	100	19-116		%REC	1	SW8270C	8/25/08	9/5/08 5:22	JH	1255
2,4,6-Tribromophenol	78	25-117		%REC	1	SW8270C	8/25/08	9/5/08 5:22	JH	1255
Aroclor 1016	<0.033	0.033		mg/Kg	1	SW8082	8/18/08	8/21/08 20:44	ТВ	1185
Aroclor 1221	< 0.10	0.10		mg/Kg	1	SW8082	8/18/08	8/21/08 20:44	TB	1185
Arodor 1232	< 0.067	0.067		mg/Kg	1	SW8082	8/18/08	8/21/08 20:44	TB	1185
Aroclor 1242	< 0.033	0.033		mg/Kg	1	SW8082	8/18/08	8/21/08 20:44	TB	1185
Arocior 1248	< 0.033	0.033		mg/Kg	1	SW8082	8/18/08	8/21/08 20:44	TB	1185
Aroclor 1254	< 0.033	0.033		mg/Kg	1	SW8082	8/18/08	8/21/08 20:44	TB	1185
Aroclor 1260	< 0.033	0.033		mg/Kg	1	SW8082	8/18/08	8/21/08 20:44	TB	1185
Decachlorobiphenyl	121	31-165		%REC	1	SW8082	8/18/08	8/21/08 20:44	TB	1185
CCMX	119	39-160		%REC	1	SW8082	8/18/08	8/21/08 20:44	TB	1185
Aroclor 1016	<0.033	0.033		mg/Kg	1	SW8082	8/21/08	8/29/08 18:37	ТВ	1233
Aroclor 1221	< 0.10	0.10		mg/Kg	1	SW8082	8/21/08	8/29/08 18:37	ТВ	1233
Aroclor 1232	< 0.067	0.067		mg/Kg	1	SW8082	8/21/08	8/29/08 18:37	TB	1233
roclor 1242	< 0.033	0.033		mg/Kg	1	SW8082	8/21/08	8/29/08 18:37	TB	1233
Aroclor 1248	< 0.033	0.033		mg/Kg	1	SW8082	8/21/08	8/29/08 18:37	TB	1233
Aroclor 1254	< 0.033	0.033		mg/Kg	1	SW8082	8/21/08	8/29/08 18:37	TB	1233
Aroclor 1260	< 0.033	0.033		mg/Kg	1	SW8082	8/21/08	8/29/08 18:37	TB	1233
Decachlorobiphenyl	105	31-165		%REC	1	SW8082	8/21/08	8/29/08 18:37	TB	1233
CMX	105	39-160		%REC	1	SW8082	8/21/08	8/29/08 18:37	TB	1233
	, 55	00 100			•			0720100 TO.01	טו	1200



9/2/08 19:57

16-Oct-08

Method Blank

1250

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

111

39-160

Work Order:

TCMX

08080174

Project: Bond & Bond/48015

**QC SUMMARY REPORT** 

ΤB

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Batch ID
Aroclor 1016	< 0.033	0.033		mg/Kg	1	SW8082	8/23/08	9/2/08 19:57	ТВ	1250
Aroclor 1221	<0.10	0.10		mg/Kg	1	SW8082	8/23/08	9/2/08 19:57	TB	1250
Arocior 1232	< 0.067	0.067		mg/Kg	1	SW8082	8/23/08	9/2/08 19:57	ТВ	1250
Arocior 1242	< 0.033	0.033		mg/Kg	1	SW8082	8/23/08	9/2/08 19:57	TB	1250
Aroclor 1248	< 0.033	0.033		mg/Kg	1	SW8082	8/23/08	9/2/08 19:57	ТВ	1250
Aroclor 1254	< 0.033	0.033		mg/Kg	1	SW8082	8/23/08	9/2/08 19:57	ТВ	1250
Aroclor 1260	< 0.033	0.033		mg/Kg	1	SW8082	8/23/08	9/2/08 19:57	TB	1250
Decachlorobiphenyl	108	31-165		%REC	1	SW8082	8/23/08	9/2/08 19:57	TB	1250

SW8082

8/23/08

%REC



16-Oct-08

Sample Matrix Spike

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Project:

Bond & Bond/48015

110ject.	Dona & E	OHU 40013									ipio ivia	
Analyte		Result	PQL	SPK value	SPK Ref Val	% Rec	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Sample ID:	08080174-05A-MS	Batch ID: 1226			Test	Code: S	W6010B		Date Analy	zed: 08	/24/08 11:5	57
Client ID:	B-2-5'				Unit	s; mg/Kg	5		Date Prepar			
Arsenic	***************************************	53.77	5.0	50.0		108%	75	125				***************************************
Barium		643.7	5.0	550	73.59	104%	75	125				
Cadmium		50.40	1.0	50.0		101%	75	125				
Chromium		51.70	5.0	50.0		103%	75	125				
Lead		50.55	5.0	50.0		101%	75	125				
Selenium		52.77	5.0	50.0		106%	75	125				
Silver		25.80	5.0	25.0		103%	75	125				
Sample ID:	08080174-05A-MSD	Batch ID: 1226			Test	Code: S	W6010B		Date Analy:	zed: 08/	/24/08 12:0	ì
Client ID:	B-2-5'				Units	g: mg/Kg			Date Prepar	ed: 8/20	0/08	
Arsenic		53.22	5.0	50.0		106%	75	125	53.77	1%	20	
Barium		640.5	5.0	550	73.59	103%	75	125	643.7	0%	20	
Cadmium		50.11	1.0	50.0		100%	75	125	50.4	1%	20	
Chromium		51.21	5.0	50.0		102%	75	125	51.7	1%	20	
Lead		50.65	5.0	50.0		101%	75	125	50.55	0%	20	
Selenium		52.54	5.0	50.0		105%	75	125	52.77	0%	20	
Silver		25.65	5.0	25.0		103%	75	125	25.8	1%	20	
Sample ID:	08080241-01A-MS	Batch ID: 1200		***************************************	Test	Code: S	W6010B		Date Analyz	ed: 08/	22/08 19:3:	5
Client ID:					Units	; mg/Kg			Date Prepar	ed: 8/19	9/08	
Arsenic		56.61	5.0	50.0	5.088	103%	75	125				******
Barium		687.5	5.0	550	106.2	106%	75	125				
Cadmium		48.99	1.0	50.0		98%	75	125				
Chromium		56.65	5.0	50.0	6.181	101%	75	125				
Lead		57.74	5.0	50.0	10.07	95%	75	125				
Selenium		52.83	5.0	50.0		106%	75	125				
Silver		27.87	5.0	25.0		111%	75	125				
Sample ID:	08080241-01A-MSD	Batch ID: 1200			Test (	Code: S'	W6010B		Date Analyz	ed: 08/	22/08 19:39	9
Client ID:					Units	: mg/Kg			Date Prepare	ed: 8/19	/08	
Arsenic		56.71	5.0	50.0	5.088	103%	75	125	56.61	0%	20	***************************************
Barium		691.7	5.0	550	106.2	106%	75	125	687.5	1%	20	
Cadmium		49.91	1.0	50.0		100%	75	125	48.99	2%	20	
Chromium		56.94	5.0	50.0	6.181	102%	75	125	56.65	1%	20	
.ead		58.31	5.0	50.0	10.07	96%	75	125	57.74	1%	20	
Selenium		53.92	5.0	50.0		108%	75	125	52.83	2%	20	
Silver		28.38	5.0	25.0		114%	75	125	27.87	2%	20	



16-Oct-08

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Project:

Bond & Bond/48015

**QC SUMMARY REPORT** 

Sample Matrix Spike

Analyte		Result	PQL	SPK value	SPK Ref Val	% Rec	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
	08080271-01B-MS	Batch ID: 1227	- 4				W6010B	Limit				
Client ID:	00000272 0220 1120	Datem 115, 1227							Date Analy			:13
	, , , , , , , , , , , , , , , , , , ,	· · · · · · · · · · · · · · · · · · ·			Unit	s: mg/Kg		***************************************	Date Prepa	red: 8/2	20/08	
Arsenic		55.48	5.0	50.0		111%	75	125				
Barium Cadmium		678.7	5.0	550	88.95	107%	75	125				
Chromium		50.02	1.0	50.0		100%	75	125				
Lead		55.47	5.0	50.0		111%	75	125				
Selenium		55.08 53.45	5.0	50.0		110%	75	125				
Silver		53.15 27.04	5.0	50.0		106%	75 	125				
	/**************************************		5.0	25.0		108%	75	125				
	08080271-01B-MSD	Batch ID: 1227			Test	Code: S	W6010B		Date Analy	zed: 08	/24/08 15:	19
Client ID:					Units	s: mg/Kg			Date Prepar	red: 8/2	0/08	
Arsenic		54.46	5.0	50.0		109%	75	125	55.48	2%	20	***************************************
Barium		629.0	5.0	550	88.95	98%	75	125	678.7	8%	20	
Cadmium		50.22	1.0	50.0		100%	75	125	50.02	0%	20	
Chromium		54.19	5.0	50.0		108%	75	125	55.47	2%	20	
Lead		52.82	5.0	50.0		106%	75	125	55.08	4%	20	
Selenium		53.26	5.0	50.0		107%	75	125	53.15	0%	20	
Silver		27.08	5.0	25.0		108%	75	125	27.04	0%	20	
Sample ID:	08080174-05A-MS	Batch ID: 1213			Test	Code: S	W7471A		Date Analy	zed: 08	/20/08 16:	20
Client ID:	B-2-5'				Units	; mg/Kg			Date Prepar			
Mercury		0.3967	0.083	0.417		95%	75	125				
Sample ID:	08080174-05A-MSD	Batch ID: 1213			Test (	Code: S	W7471A		Date Analy	and: 08	/20/08 16:	) 5
Client ID:							*************		-			43
	D-2-0			· · · · · · · · · · · · · · · · · · ·	Units	: mg/Kg	·		Date Prepar	red: 8/1	9/08	
Mercury		0.3917	0.083	0.417		94%	75	125	0.3967	1%	20	
Sample ID:	08080247-01A-MS	Batch ID: 1212			Test (	Code: S	W7471A		Date Analys	zed: 08	/20/08 15::	38
Client ID:					Units	: mg/Kg			Date Prepar	ed: 8/1	9/08	
Mercury		0.4233	0.083	0.417		102%	75	125				***************************************
Sample ID:	08080247-01A-MSD	Batch ID: 1212	***************************************		Test (	Code: S	W7471A		Date Analy:	zed: 08.	/20/08 15:4	40
Client ID:					Units	; mg/Kg			Date Prepar			
Mercury	***************************************	0.4117	0.083	0.417		99%	75	125	0.4233	3%	20	
Sample ID:	08080174-01AS	Batch ID: ML60			Test (	Code: 80			Date Analyz			70
Client ID:						; mg/Kg			Date Prepar			~~
010-C22 DRO		580	30	500	VIII G		ΛE	140	Date 1 Tepal	Ou, 0/1		
		11.0	N/A	10.0		116% 110%	45 70	140 130				



16-Oct-08

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

Project:

08080174

Bond & Bond/48015

**QC SUMMARY REPORT** Sample Matrix Spike Duplicate

Analyte	Result	PQL	SPK value	SPK Ref Val	% Rec	Low Limit	High Limit	RPD % RPD Ref Val RPD Limit Qual
Sample ID: 08080174-01	ASD Batch ID; MI	.6GC130808	311	Test	Code: 8	3015AZ		Date Analyzed: 08/11/08 00:00
Client ID: B-1-2'				Unit	s: mg/Kg	y y		Date Prepared: 8/11/08
C10-C22 DRO	548	30	500		110%	45	140	580 6% 30
o-Terphenyl	10.0	N/A	10.0		100%	70	130	
Sample ID: 08080174-15A	S Batch ID: ML	.6GC130808	12	Test	Code: 8	015AZ		Date Analyzed: 08/12/08 00:00
Client ID: B-6-12'				Units	s: mg/Kg	ŗ		Date Prepared: 8/12/08
C10-C22 DRO	594	30	500		119%	45	140	-
o-Terphenyl	11.0	N/A	10.0		110%	70	130	
Sample ID: 08080174-15A	SD Batch ID: ML	.6GC130808	12	Test	Code: 8	015AZ		Date Analyzed: 08/12/08 00:00
Client ID: B-6-12'				Units	s: mg/K.g	ţ		Date Prepared: 8/12/08
C10-C22 DRO	552	30	500		110%	45	140	594 7% 30
o-Terphenyl	10.2	N/A	10.0		102%	70	130	
Sample ID: 08080174-26A	S Batch ID: ML	6GC130808	13	Test	Code: 8	015AZ		Date Analyzed: 08/13/08 00:00
Client ID: B-11-9'				Units	; mg/Kg			Date Prepared: 8/13/08
C10-C22 DRO	548	30	500	· · · · · · · · · · · · · · · · · · ·	110%	45	140	
o-Terphenyl	10.0	N/A	10.0		100%	70	130	
Sample ID: 08080174-26A	SD Batch ID: ML	6GC130808	13	Test (	Code: 8	015AZ	****	Date Analyzed: 08/13/08 00:00
Client ID: B-11-9'				Units	: mg/Kg			Date Prepared: 8/13/08
C10-C22 DRO	551	30	500		110%	45	140	548 1% 30
o-Terphenyl	10.0	N/A	10.0		100%	70	130	0.10
Sample ID: 08080174-33A	S Batch ID: ML	6GC130808	14	Test (	Code: 80	015AZ		Date Analyzed: 08/18/08 00:00
Client ID: B-14-7'				Units	; mg/Kg			Date Prepared: 8/14/08
C10-C22 DRO	538	30	500		108%	45	140	1
o-Terphenyl	9.40	N/A	10.0		94%	70	130	
Sample ID: 08080174-33A	SD Batch ID: ML	6GC130808	14	Test (	Code: 80	015AZ		Date Analyzed: 08/18/08 00:00
Client ID: B-14-7'				Units	mg/Kg			Date Prepared: 8/14/08
C10-C22 DRO	553	30	500		111%	45	140	538 3% 30
o-Terphenyl	9.70	N/A	10.0		97%	70	130	000 070 00



16-Oct-08

Sample Matrix Spike

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Project:

Bond & Bond/48015

Froject: Bond &	B010/48015								× CHI	ipio ivi	autz D
Analyte	Result	PQL	SPK value	SPK Ref Val	% Rec	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Sample ID: 08080174-01AS	Batch ID: M	L6GC14080	811	Test	Code: S	W8021B		Date Analy	zed: 08	/11/08 00:	00
Client ID: B-1-2'				Unit	s: mg/Kg	Ţ		Date Prepa	red: 8/1	1/08	
Methyl tert-butyl ether	0.620	0.20	0.500		124%	57	136		***************************************		
Benzene	0.530	0.050	0.500		106%	66	120				
Ethylbenzene	0.510	0.10	0.500		102%	68	124				
Toluene	0.520	0.10	0.500		104%	61	132				
Kylenes, total	1.536	0.15	1.50		102%	55	136				
TVFHC (C6-C10)	24.4	10	25.0		98%	70	130				
Bromofluorobenzene	1.08	N/A	1.00		108%	64	127				
Sample ID: 08080174-01ASD	Batch ID: MI	.6GC140808	811	Test	Code: S	W8021B		Date Analy	zed: 08.	/11/08 00:	00
Client ID; B-1-2'				Units	s: mg/Kg			Date Prepar	ed: 8/1	1/08	
Methyl tert-butyl ether	0.640	0.20	0.500		128%	57	136	0.62	3%	36	
Benzene	0.540	0.050	0.500		108%	66	120	0.53	2%	20	
Ethylbenzene	0.520	0.10	0.500		104%	68	124	0.51	2%	20	
Foluene	0.520	0.10	0.500		104%	61	132	0.52	0%	20	
Kylenes, total	1.553	0.15	1.50		104%	55	136	1.53	1%	20	
CVFHC (C6-C10)	24.8	10	25.0		99%	70	130	24.4	2%	20	
Bromofluorobenzene	1.09	N/A	1.00		109%	64	127				
Sample ID: 08080174-15AS	Batch ID: MI	.6GC140808	312	Test	Code: S	W8021B		Date Analys	zed: 08/	/12/08 00:	00
Client ID: B-6-12'				Units	g: mg/Kg			Date Prepar	ed: 8/12	2/08	
Methyl tert-butyl ether	0.600	0.20	0.500		120%	57	136				
Benzene	0.520	0.050	0.500		104%	66	120				
thylbenzene	0.510	0.10	0.500		102%	68	124				
oluene	0.510	0.10	0.500		102%	61	132				
(ylenes, total	1.521	0.15	1.50		101%	55	136				
VFHC (C6-C10)	23.9	10	25.0		96%	70	130				
Bromofluorobenzene	1.13	N/A	1.00		113%	64	127				
Sample ID: <b>08080174-15ASD</b>	Batch ID: ML	.6GC140808	312	Test	Code: S	W8021B		Date Analyz	zed: 08/	12/08 00:0	00
Client ID: B-6-12'				Units	: mg/Kg			Date Prepar	ed: 8/12	2/08	
Nethyl tert-butyl ether	0.580	0.20	0.500		116%	57	136	0.6	3%	36	
enzene	0.500	0.050	0.500		100%	66	120	0.52	4%	20	
thylbenzene	0.480	0.10	0.500		96%	68	124	0.51	6%	20	
'oluene	0.480	0.10	0.500		96%	61	132	0.51	6%	20	
(ylenes, total	1.432	0.15	1.50		95%	55	136	1.52	6%	20	
VFHC (C6-C10)	25.8	10	25.0		103%	70	130	23.9	8%	20	
Bromofluorobenzene	1.16	N/A	1.00		116%	64	127				



16-Oct-08

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Project:

Bond & Bond/48015

QC SUMMARY REPORT

Sample Matrix Spike

Analyte	Result	PQL	SPK value	SPK Ref Val	% Rec	Low Limit	High Limit	RPD % Ref Val RI	% PD	RPD Limit	Qual
Sample ID: 08080174-26AS	Batch ID: M	L6GC14080	813	Test	Code: S	W8021B		Date Analyzed:	08/1	3/08 00:	00
Client ID: B-11-9'				Unit	s: mg/Kg	<u> </u>		Date Prepared:	8/13/	08	
Methyl tert-butyl ether	0.570	0.20	0.500	***************************************	114%	57	136			<del>~~~</del>	
Benzene	0.490	0.050	0.500		98%	66	120				
Ethylbenzene	0.480	0.10	0.500		96%	68	124				
Toluene	0.480	0.10	0.500		96%	61	132				
Xylenes, total	1.426	0.15	1.50		95%	55	136				
TVFHC (C6-C10)	25.1	10	25.0		100%	70	130				
Bromofluorobenzene	1.10	N/A	1.00		110%	64	127				
Sample ID: 08080174-26ASD	Batch ID: M	L6GC14080	813	Test	Code: S	W8021B		Date Analyzed:	08/1	3/08 00:0	00
Client ID: B-11-9'				Units	g: mg/Kg			Date Prepared:	8/13/	08	
Methyl tert-butyl ether	0.590	0.20	0.500		118%	57	136	0.57 3	1%	36	
Benzene	0.500	0.050	0.500		100%	66	120		%	20	
Ethylbenzene	0.480	0.10	0.500		96%	68	124		%	20	
Toluene	0.480	0.10	0.500		96%	61	132		%	20	
Xylenes, total	1.422	0.15	1.50		95%	55	136	1.43 1	%	20	
TVFHC (C6-C10)	26.9	10	25.0		108%	70	130	25.1 7	%	20	
Bromofluorobenzene	1.07	N/A	1.00		107%	64	127				
Sample ID: 08080174-33AS	Batch ID; M	L6GC14080	814	Test 6	Code: S	W8021B		Date Analyzed:	08/1	4/08 00:0	0
Client ID: B-14-7'				Units	: mg/Kg			Date Prepared:	8/14/0	08	
Methyl tert-butyl ether	0.620	0.20	0.500		124%	57	136				
Benzene	0.530	0.050	0.500		106%	66	120				
Ethylbenzene	0.520	0.10	0.500		104%	68	124				
Toluene	0.520	0.10	0.500		104%	61	132				
Xylenes, total	1.535	0.15	1.50		102%	55	136				
TVFHC (C6-C10)	25.1	10	25.0		100%	70	130				
Bromofluorobenzene	1.07	N/A	1.00		107%	64	127				
Sample ID: 08080174-33ASD	Batch ID: MI	L6GC140808	314	Test (	Code: S	W8021B		Date Analyzed:	08/14	4/08 00:0	0
Client ID: B-14-7'				Units	: mg/Kg			Date Prepared:	8/14/(	8	
Methyl tert-butyl ether	0.570	0.20	0.500		114%	57	136	0.62 89	%	36	***************************************
Benzene	0.480	0.050	0.500		96%	66	120	0.53 109		20	
Ethylbenzene	0.470	0.10	0.500		94%	68	124	0.52 109		20	
Foluene	0.470	0.10	0.500		94%	61	132	0.52 109		20	
Xylenes, total	1.381	0.15	1.50		92%	55	136	1.53 109		20	
TVFHC (C6-C10)	26.4	10	25.0		106%	70	130	25.1 5%		20	
Bromofluorobenzene	1.06	N/A	1.00		106%	64	127				



16-Oct-08

Sample Matrix Spike

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Project: Bond & Bond/48015

Analyte	Result	PQL	SPK value	SPK Ref Val	% Rec	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Sample ID: 08080174-11A-MS	Batch ID: 1195			Test	Code: S	SW8270C		Date Analy			
Client ID: B-4-12				Units	s: mg/Kg	<b>,</b>		Date Prepa			
Acenaphthene	1.00	1.7	1.50		67%	3	113	1			
Acenaphthylene	1.01	1.7	1.50		67%	4	114				
Anthracene	1.04	1.7	1.50		69%	4	133				
Azobenzene	1.39	1.7	2.00		70%	3	115				
Benz[a]anthracene	1.01	1.7	1.50		67%	5	108				
Benzo[a]pyrene	0.938	1.7	1.50		63%	5	115				
Benzo[b]fluoranthene	0.893	1.7	1.50		60%	5	118				
Benzo[g,h,i]perylene	1.00	1.7	1.50		67%	7	109				
Benzo[k]fluoranthene	1.08	1.7	1.50		72%	5	113				
Benzoic acid	0.00	25	6.00		0%	13	89				М2
Benzyl alcohol	1.67	1.7	2.00		84%	10	110				1412.
Bis(2-chloroethoxy)methane	1.72	1.7	2.00		86%	11	100				
3is(2-chloroethyl)ether	1.55	1.7	2.00		78%	6	104				
3is(2-chloroisopropyl)ether	1.62	1.7	2.00		81%	5	106				
3is(2-ethylhexyl)phthalate	1.01	1.7	2.00		51%	3	119				
1-Bromophenyl phenyl ether	1.56	1.7	2.00		78%	3	120				
Butyl benzyl phthalate	1.34	1.7	2.00		67%	3	109				
1-Chloro-3-methylphenol	1.98	1.7	4.00		50%	4	116				
I-Chloroaniline	0.505	3.3	2.00		25%	4	115				
2-Chloronaphthalene	1.39	1.7	2.00		70%	3	109				
2-Chlorophenol	2.12	1.7	4.00		53%	4	111				
I-Chlorophenyl phenyl ether	1.53	1.7	2.00		77%	3	122				
Chrysene	1.01	1.7	1.50		67%	4	110				
Di-n-butyl phthalate	1.54	1.7	2.00		77%	3	115				
Di-n-octyl phthalate	1.38	1.7	2.00		69%	3	121				
Dibenz[a,h]anthracene	1.06	1.7	1.50		71%	4	107				
Dibenzofuran	1.43	1.7	2.00		72%	3	134				
,2-Dichlorobenzene	1.24	1.7	2.00		62%	2	100				
,3-Dichlorobenzene	1.20	1.7	2.00		60%	3	100				
,4-Dichlorobenzene	1.18	1.7	2.00		59%	3	100				
,3`-Dichlorobenzidine	1.16	8.5	2.00		58%	15	152				
,4-Dichlorophenol	2.21	2.5	4.00		55%	4	118				
Diethyl phthalate	1.50	1.7	2.00		75%	3	116				
Dimethyl phthalate	1.62	1.7	2.00		81%	3 7	111				
,4-Dimethylphenol	0.170	1.7	4.00		4%	2	108				
,6-Dinitro-2-methylphenol	4.23	10	4.00		106%	12	108				
,4-Dinitrophenol	3.37	10	4.00		84%	12	108				
,4-Dinitrotoluene	1.43	1.7	2.00		72%	4	101				
,6-Dinitrotoluene	1.42	1.7	2.00		72% 71%						
luoranthene	1.06	1.7	1.50		71%	3	137				
luorene	1.07	1.7	1.50		71% 71%	5	111				
lexachlorobenzene	1.34	1.7	2.00		71% 67%	4	147 111				



16-Oct-08

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Project:

Bond & Bond/48015

**QC SUMMARY REPORT** 

Sample Matrix Spike

			SPK	SPK	%	Low	High	RPD	%	RPD	
Analyte	Result	PQL	value	Ref Val	Rec	Limit	Limit	Ref Val	RPD	Limit	Qual
Hexachlorobutadiene	1.16	1.7	2.00		58%	2	98				
Hexachlorocyclopentadiene	0.610	10	2.00		31%	21	114				
Hexachloroethane	1.01	1.7	2.00		51%	3	120				
indeno[1,2,3-cd]pyrene	1.05	1,7	1.50		70%	7	115				
Isophorone	1.47	1.7	2.00		74%	4	132				
2-Methylnaphthalene	1.47	1.7	2.00		74%	3	123				
2-Methylphenol	0.280	1.7	4.00		7%	3	119				
4-Methylphenol	0.483	2.5	4.00		12%	3	130				
N-Nitrosodi-n-propylamine	1.83	1.7	2.00		92%	2	120				
N-Nitrosodiphenylamine	1.04	1.7	2.00		52%	4	129				
Naphthalene	1.06	1.7	1.50		71%	11	108				
Nitrobenzene	1.57	1.7	2.00		79%	9	106				
2-Nitrophenol	3.48	1.7	4.00		87%	6	108				
4-Nitrophenol	2.98	10	4.00		75%	12	125				
Pentachlorophenol	3.95	3.4	4.00		99%	7	102				
Phenanthrene	1.07	1.7	1.50		71%	4	118				
Phenol	2.60	1.7	4.00		65%	7	112				
Pyrene	1.01	1.7	1.50		67%	4	111				
1,2,4-Trichlorobenzene	1.40	2.5	2.00		70%		108				
2,4,6-Trichlorophenol	2.26	2.5	4.00		56%	2 6	117				
2-Chlorophenol-d4	1.44	N/A	3.00		48%	25	108				
1,2-Dichlorobenzene-d4	1.29	N/A	2.00		65%						
2-Fluorobiphenyl	1.35	N/A	2.00		68%	18 22	106 111				
2-Fluorophenol	1.07	N/A	3.00		36%	22 25					
Nitrobenzene-d5	1.60	N/A	2.00		30% 80%	25 24	108				
Phenol-d6	1.86	N/A	3.00		62%	2 <del>4</del> 25	108				
4-Terphenyl-d14	1.35	N/A	2.00				109				
2,4,6-Tribromophenol	1.03	N/A N/A	3.00		68% 34%	19 25	116 117				



16-Oct-08

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Project:

Bond & Bond/48015

QC SUMMARY REPORT

Sample Matrix Spike Duplicate

Analyte	Result	PQL	SPK value	SPK Ref Val	% Rec	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Sample ID: 08080174-11A-MSD	Batch ID: 1195			Test	Code: S	W8270C		Date Analy	zed: 09	/08/08 23:	33
Client ID: B-4-12				Unit	s: mg/Kg			Date Prepa	red: 8/1	9/08	
Acenaphthene	0.980	1.7	1.51		65%	3	113	1	2%	20	
Acenaphthylene	0.995	1.7	1.51		66%	4	114	1.01	1%	20	
Anthracene	0.965	1.7	1.51		64%	4	133	1.04	7%	20	
Azobenzene	1.31	1.7	2.01		65%	3	115	1.39	6%	20	
Benz[a]anthracene	0.990	1.7	1.51		66%	5	108	1.01	2%	20	
Benzo[a]pyrene	0.955	1.7	1.51		63%	5	115	0.938	2%	20	
Benzo(b)fluoranthene	0.952	1.7	1.51		63%	5	118	0.893	6%	20	
Benzo[g,h,i]perylene	0.977	1.7	1.51		65%	7	109	1	2%	20	
Benzo[k]fluoranthene	1.04	1.7	1.51		69%	5	113	1.08	4%	20	
Benzoic acid	2.74	25	6.03		45%	13	89	0	200%	20	R2
Benzyl alcohol	1.45	1.7	2.01		72%	10	110	1.67	14%	20	
Bis(2-chloroethoxy)methane	1.53	1.7	2.01		76%	11	100	1.72	12%	20	
is(2-chloroethyl)ether	1.42	1.7	2.01		71%	6	104	1.55	9%	20	
Bis(2-chloroisopropyl)ether	1.49	1.7	2.01		74%	5	106	1.62	8%	20	
lis(2-ethylhexyl)phthalate	1.02	1.7	2.01		51%	3	119	1.01	1%	20	
-Bromophenyl phenyl ether	1.50	1.7	2.01		75%	3	120	1.56	4%	20	
tutyl benzyl phthalate	1.36	1.7	2.01		68%	3	109	1.34	1%	20	
-Chloro-3-methylphenol	2.19	1,7	4.02		54%	4	116	1.98	10%	20	
-Chloroaniline	0.731	3.3	2.01		36%	4	115	0.505	37%	20	R5
-Chloronaphthalene	1.27	1.7	2.01		63%	3	109	1.39	9%	20	
-Chlorophenol	2.28	1.7	4.02		57%	4	111	2.12	7%	20	
-Chlorophenyl phenyl ether	1.46	1.7	2.01		73%	3	122	1.53	5%	20	
Chrysene	0.967	1.7	1.51		64%	4	110	1.01	4%	20	
li-n-butyl phthalate	1.52	1.7	2.01		76%	3	115	1.54	1%	20	
i-n-octyl phthalate	1.43	1.7	2.01		71%	3	121	1.38	4%	20	
ibenz[a,h]anthracene	1.04	1.7	1.51		69%	4	107	1.06	2%	20	
ibenzofuran	1.33	1.7	2.01		66%	3	134	1.43	7%	20	
,2-Dichlorobenzene	1.21	1.7	2.01		60%	2	100	1.24	2%	20	
,3-Dichlorobenzene	1.17	1.7	2.01		58%	3	100	1.2	3%	20	
4-Dichlorobenzene	1.15	1.7	2.01		57%	3	100	1.18	3%	20	
.3`-Dichlorobenzidine	1.29	8.5	2.01		64%	15	152	1.16	11%	20	
4-Dichlorophenol	2.35	2.5	4.02		58%	4	118	2.21	6%	20	
iethyl phthalate	1.45	1.7	2.01		72%	3	116	1.5	3%	20	
imethyl phthalate	1,51	1.7	2.01		75%	7	111	1.62	7%	20	
4-Dimethylphenol	0.229	1.7	4.02		6%	2	108	0.17	30%	20	R5
6-Dinitro-2-methylphenol	4.17	10	4.02		104%	12	108	4.23	1%	20	
4-Dinitrophenol	3.58	10	4.02		89%	12	101	3.37	6%	20	
4-Dinitrotoluene	1.40	1.7	2.01		70%	4	104	1.43	2%	20	
6-Dinitrotoluene	1.31	1.7	2.01		65%	3	137	1.42	8%	20	
uoranthene	1.03	1.7	1.51		68%	5	111	1.06	3%	20	
luorene	1.06	1.7	1.51		70%	4	147	1.07	3% 1%	20	
exachlorobenzene	1.31	1.7	2.01		65%	3	111	1.34	2%	20	



16-Oct-08

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Project:

Bond & Bond/48015

**QC SUMMARY REPORT** 

Sample Matrix Spike Duplicate

	***************************************		SPK	SPK	%	Low	High	RPD	%	RPD	
Analyte	Result	PQL	value	Ref Val	Rec	Limit	Limit	Ref Val	RPD	Limit	Qual
Hexachlorobutadiene	1.11	1.7	2.01		55%	2	98	1.16	4%	20	
Hexachlorocyclopentadiene	0.626	10	2.01		31%	21	114	0.61	3%	20	
Hexachloroethane	1.11	1.7	2.01		55%	3	120	1.01	9%	20	
Indeno[1,2,3-cd]pyrene	1.03	1.7	1.51		68%	7	115	1.05	2%	20	
Isophorone	1.29	1.7	2.01		64%	4	132	1.47	13%	20	
2-Methylnaphthalene	1.33	1.7	2.01		66%	3	123	1.47	10%	20	
2-Methylphenol	0.636	1.7	4.02		16%	3	119	0.28	78%	20	R5
4-Methylphenol	0.947	2.5	4.02		24%	3	130	0.483	65%	20	R5
N-Nitrosodi-n-propylamine	1.53	1.7	2.01		76%	2	120	1.83	18%	20	
N-Nitrosodiphenylamine	1.05	1.7	2.01		52%	4	129	1.04	1%	20	
Naphthalene	0.970	1.7	1.51		64%	11	108	1.06	9%	20	
Nitrobenzene	1.40	1.7	2.01		70%	9	106	1.57	11%	20	
2-Nitrophenol	3.01	1.7	4.02		75%	6	108	3.48	14%	20	
4-Nitrophenol	2.67	10	4.02		66%	12	125	2.98	11%	20	
Pentachlorophenol	3.86	3.4	4.02		96%	7	102	3.95	2%	20	
Phenanthrene	1.00	1.7	1.51		66%	4	118	1.07	7%	20	
Phenol	2.51	1.7	4.02		62%	7	112	2.6	4%	20	
Pyrene	0.997	1.7	1.51		66%	4	111	1.01	1%	20	
1,2,4-Trichlorobenzene	1.25	2,5	2.01		62%	2	108	1.4	11%	20	
2,4,6-Trichlorophenol	2.33	2.5	4.02		58%	6	117	2.26	3%	20	
2-Chlorophenol-d4	1.66	N/A	3.02		55%	25	108	2.23	0.10	20	
1,2-Dichlorobenzene-d4	1.28	N/A	2.01		64%	18	106				
2-Fluorobiphenyl	1.28	N/A	2.01		64%	22	111				
2-Fluorophenol	1.29	N/A	3.02		43%	25	108				
Nitrobenzene-d5	1.45	N/A	2.01		72%	24	108				
Phenol-d6	1.84	N/A	3.02		61%	25	109				
4-Terphenyl-d14	1.30	N/A	2.01		65%	19	116				
2,4,6-Tribromophenol	1.34	N/A	3.02		44%	25	117				



16-Oct-08

Sample Matrix Spike

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Project:

Bond & Bond/48015

Analyte	Result	PQL	SPK value	SPK Ref Val	% Rec	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Sample ID: 08080271-01B-MS	Batch ID: 1243			Test	Code: S	W8270C		Date Analyz	ed: 09	/08/08 16:	58
Client ID:				Unit	s: mg/Kg	;		Date Prepare	d: 8/2	1/08	
Acenaphthene	0.838	0.33	1.51		56%	3	113				***
Acenaphthylene	0.838	0.33	1.51		56%	4	114				
Anthracene	0.895	0.33	1.51		59%	4	133				
Azobenzene	1.19	0.33	2.01		59%	3	115				
Benz[a]anthracene	0.945	0.33	1.51		63%	5	108				
Benzo[a]pyrene	0.902	0.33	1.51		60%	5	115				
Benzo[b]fluoranthene	0.949	0.33	1.51		63%	5	118				
Benzo[g,h,i]perylene	0.777	0.33	1.51		52%	7	109				
Benzo[k]fluoranthene	0.981	0.33	1.51		65%	5	113				
Benzoic acid	0.00	5.0	6.03		0%	13	89				M2
Benzyl alcohol	1.21	0.33	2.01		60%	10	110				1412
Bis(2-chloroethoxy)methane	1.17	0.33	2.01		58%	11	100				
Bis(2-chloroethyl)ether	1.02	0.33	2.01		51%	6	104				
Bis(2-chloroisopropyl)ether	0.961	0.33	2.01		48%	5	106				
Bis(2-ethylhexyl)phthalate	1.34	0.33	2.01	0.04677	64%	3	119				
4-Bromophenyl phenyl ether	1.46	0.33	2.01	0.04077	73%	3	120				
Butyl benzyl phthalate	1.28	0.33	2.01		64%	3	109				
4-Chloro-3-methylphenol	2.85	0.33	4.02		71%	4	116				
4-Chloroaniline	0.616	0.66	2.01		31%	4	115				
2-Chloronaphthalene	1.05	0.33	2.01		52%	3	109				
2-Chlorophenol	2.21	0.33	4.02		55%	4	111				
4-Chlorophenyl phenyl ether	1.26	0.33	2.01		63%	3	122				
Chrysene	0.962	0.33	1.51		64%	4	110				
Di-n-butyl phthalate	1.43	0.33	2.01	0.03184	70%	3	115				
Di-n-octyl phthalate	1.34	0.33	2.01	0.00104	67%	3	121				
Dibenz[a,h]anthracene	0.833	0.33	1.51		55%	4	107				
Dibenzofuran	1.18	0.33	2.01		55 % 59%		134				
1,2-Dichlorobenzene	0.788	0.33	2.01		39%	3					
1,3-Dichlorobenzene	0.747	0.33	2.01		37%	2	100				
1,4-Dichlorobenzene	0.793	0.33	2.01			3	100				
3,3`-Dichlorobenzidine	2.45	1.7	2.01		39%	3	100				
2,4-Dichlorophenol	2.43	0.50	4.02		122%	15	152				
Diethyl phthalate	1.41	0.33			60%	4	118				
Dimethyl phthalate	1.52	0.33	2.01		70%	3	116				
2,4-Dimethylphenol	0.460		2.01		76%	7	111				
4,6-Dinitro-2-methylphenol	0.460 2.94	0.33 2.0	4.02		11%	2	108				
2,4-Dinitrophenol	2. <del>94</del> 1.34	2.0	4.02		73%	12	108				
2,4-Dinitrotoluene	1.3 <del>4</del> 1.47		4.02		33%	12	101				
2,6-Dinitrotoluene		0.33	2.01		73%	4	104				
Fluoranthene	1.46	0.33	2.01		73%	3	137				
Fluorene	0.961	0.33	1.51		64%	5	111				
Hexachlorobenzene	0.934	0.33	1.51		62%	4	147				
· condensation of the cond	1.23	0.33	2.01		61%	3	111				



16-Oct-08

License No. AZM133/AZ0133

**CLIENT:** 

Bristol Environmental & Engineering

Work Order:

08080174

Project: Bond & Bond/48015 **QC SUMMARY REPORT** 

Sample Matrix Spike

			SPK	SPK	%	Low	High	RPD	%	RPD	
Analyte	Result	PQL	value	Ref Val	Rec	Limit	Limit	Ref Val	RPD	Limit	Qual
Hexachlorobutadiene	0.732	0.33	2.01		36%	2	98				
Hexachlorocyclopentadiene	0.390	2.0	2.01		19%	21	114				M2
Hexachloroethane	0.668	0.33	2.01		33%	3	120				
Indeno[1,2,3-cd]pyrene	0.828	0.33	1.51		55%	7	115				
Isophorone	1.13	0.33	2.01		56%	4	132				
2-Methylnaphthalene	0.979	0.33	2.01		49%	3	123				
2-Methylphenol	1.52	0.33	4.02		38%	3	119				
4-Methylphenol	1.94	0.50	4.02		48%	3	130				
N-Nitrosodi-n-propylamine	1.19	0.33	2.01		59%	2	120				
N-Nitrosodiphenylamine	0.00	0.33	2.01		0%	4	129				M2
Naphthalene	0.756	0.33	1.51		50%	11	108				
Nitrobenzene	1.12	0.33	2.01		56%	9	106				
2-Nitrophenol	2.52	0.33	4.02		63%	6	108				
4-Nitrophenol	3.71	2.0	4.02		92%	12	125				
Pentachlorophenol	3.05	0.67	4.02		76%	7	102				
Phenanthrene	0.975	0.33	1.51		65%	4	118				
Phenol	2.25	0.33	4.02	0.09204	54%	7	112				
Pyrene	0.973	0.33	1.51		65%	4	111				
1,2,4-Trichlorobenzene	0.910	0.50	2.01		45%	2	108				
2,4,6-Trichlorophenol	2.91	0.50	4.02		72%	6	117				
2-Chlorophenol-d4	1.57	N/A	3.02		52%	25	108				
1,2-Dichlorobenzene-d4	0.833	N/A	2.01		41%	18	106				
2-Fluorobiphenyl	0.998	N/A	2.01		50%	22	111				
2-Fluorophenol	1,35	N/A	3.02		45%	25	108				
Nitrobenzene-d5	1.14	N/A	2.01		57%	24	108				
Phenol-dô	1.59	N/A	3.02		53%	25	109				
4-Terphenyl-d14	1,27	N/A	2.01		63%	19	116				
2,4,6-Tribromophenol	2.28	N/A	3.02		76%	25	117				



16-Oct-08

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

**QC SUMMARY REPORT** Sample Matrix Spike Duplicate

Project: Bond & B	ond/48015							Sample	Matrix	x Spike	Duplicate
Analyte	Result	PQL	SPK value	SPK Ref Val	% Rec	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Sample ID: 08080271-01B-MSD	Batch ID: 1243			Test	Code; S	W8270C		Date Analy	zed: 09	/08/08 17:	
Client ID:				Unit	s: mg/Kg			Date Prepar			
Acenaphthene	0.823	0.33	1.50		55%	3	113	0.838	2%	20	
Acenaphthylene	0.812	0.33	1.50		54%	4	114	0.838	3%	20	
Anthracene	0.824	0.33	1.50		55%	4	133	0.895	8%	20	
Azobenzene	1.10	0.33	2.00		55%	3	115	1.19	8%	20	•
Benz[a]anthracene	0.898	0.33	1.50		60%	5	108	0.945	5%	20	
Benzo[a]pyrene	0.885	0.33	1.50		59%	5	115	0.902	2%	20	
Benzo[b]fluoranthene	0.964	0.33	1.50		64%	5	118	0.949	2%	20	
Benzo[g,h,i]perylene	0.644	0.33	1.50		43%	7	109	0.777	19%	20	
Benzo[k]fluoranthene	0.968	0.33	1.50		65%	, 5	113	0.981	1%	20	
Benzoic acid	0.00	5.0	6.00		0%	13	89	0.961	0%	20	M2
Benzyl alcohol	1.40	0.33	2.00		70%	10	110	1.21	15%	20	IVIZ
Bis(2-chloroethoxy)methane	1.29	0.33	2.00		65%	11	100	1.17	10%		
Bis(2-chloroethyl)ether	1.12	0.33	2.00		56%	6	104	1.02	9%	20	
Bis(2-chloroisopropyl)ether	1.06	0.33	2.00		53%	5	106	0.961	10%	20 20	
Bis(2-ethylhexyl)phthalate	1.36	0.33	2.00	0.04677	66%	3	119	1.34			
4-Bromophenyl phenyl ether	1.33	0.33	2.00	0.04077	67%	3	120	1.46	1% 9%	20	
Butyl benzyl phthalate	1.26	0.33	2.00		63%	3	109			20	
4-Chloro-3-methylphenol	2.86	0.33	4.00		72%	4	116	1.28	2%	20	
4-Chloroaniline	0.616	0.66	2.00		31%	4	115	2.85	0%	20	
2-Chloronaphthalene	1.07	0.33	2.00		54%	3	109	0.616	0%	20	
2-Chlorophenol	2.45	0.33	4.00		61%	. 4	111	1.05	2%	20	
4-Chlorophenyl phenyl ether	1.16	0.33	2.00		58%	3	122	2.21 1.26	10%	20	
Chrysene	0.912	0.33	1.50		61%	4	110		8%	20	
Di-n-butyl phthalate	1.32	0.33	2.00	0.03184	64%	3	115	0.962	5%	20	
Di-n-octyl phthalate	1.43	0.33	2.00	0.00104	72%	3	121	1.43	8%	20	
Dibenz[a,h]anthracene	0.715	0.33	1.50		48%	4	107	1.34	6%	20	
Dibenzofuran	1.11	0.33	2.00		56%	3	134	0.833	15%	20	
1,2-Dichlorobenzene	0.903	0.33	2.00		45%	2		1.18	6%	20	
1,3-Dichlorobenzene	0.877	0.33	2.00		44%	3	100 100	0.788	14%	20	
1,4-Dichlorobenzene	0.916	0.33	2.00		44 %	3		0.747	16%	20	
3,3`-Dichlorobenzidine	2.59	1.7	2.00		130%	ა 15	100	0.793	14%	20	
2,4-Dichlorophenol	2.73	0.50	4.00		68%		152 118	2.45	6%	20	
Diethyl phthalate	1.30	0.33	2.00		65%	4		2.43	12%	20	
Dimethyl phthalate	1.38	0.33	2.00		69%	3	116	1.41	8%	20	
2,4-Dimethylphenol	0.507	0.33	4.00		13%	7	111	1.52	10%	20	
4,6-Dinitro-2-methylphenol	2.79	2.0	4.00		70%	2	108	0.46	10%	20	
2,4-Dinitrophenol	1.43	2.0	4.00			12	108	2.94	5%	20	
2,4-Dinitrotoluene	1.43	0.33	2.00		36%	12	101	1.34	6%	20	
2,6-Dinitrotoluene	1.35	0.33	2.00		67%	4	104	1.47	9%	20	
Fluoranthene	0.899	0.33	2.00 1.50		68%	3	137	1.46	8%	20	
Fluorene	0.864	0.33	1.50		60%	5	111	0.961	7%	20	
Hexachlorobenzene	1.14	0.33	2.00		58%	4	147	0.934	8%	20	
	1.14	0.00	<b>4.00</b>		57%	3	111	1.23	8%	20	



16-Oct-08

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Project:

Bond & Bond/48015

**QC SUMMARY REPORT** 

Sample Matrix Spike Duplicate

			SPK	SPK	%	Low	High	RPD	%	RPD	
Analyte	Result	PQL	value	Ref Val	Rec	Limit	Limit	Ref Val	RPD	Limit	Qual
Hexachlorobutadiene	0.842	0.33	2.00		42%	2	98	0.732	14%	20	
Hexachlorocyclopentadiene	0.447	2.0	2.00		22%	21	114	0.39	14%	20	
Hexachloroethane	0.763	0.33	2.00		38%	3	120	0.668	13%	20	
Indeno[1,2,3-cd]pyrene	0.702	0.33	1.50		47%	7	115	0.828	16%	20	
Isophorone	1.15	0.33	2.00		58%	4	132	1.13	2%	20	
2-Methylnaphthalene	1.05	0.33	2.00		53%	3	123	0.979	7%	20	
2-Methylphenol	1.77	0.33	4.00		44%	3	119	1.52	15%	20	
4-Methylphenol	2.24	0.50	4.00		56%	3	130	1.94	14%	20	
N-Nitrosodi-n-propylamine	1.27	0.33	2.00		64%	2	120	1.19	7%	20	
N-Nitrosodiphenylamine	0.00	0.33	2.00		0%	4	129	0	0%	20	M2
Naphthalene	0.827	0.33	1.50		55%	11	108	0.756	9%	20	
Vitrobenzene	1.23	0.33	2.00		62%	9	106	1.12	9%	20	
2-Nitrophenol	2,84	0.33	4.00		71%	6	108	2.52	12%	20	
4-Nitrophenol	3.57	2.0	4.00		89%	12	125	3.71	4%	20	
Pentachlorophenol	2.88	0.67	4.00		72%	7	102	3.05	6%	20	
Phenanthrene	0.906	0.33	1.50		60%	4	118	0.975	7%	20	
Phenol	2.63	0.33	4.00	0.09204	63%	7	112	2.25	16%	20	
Pyrene	0.990	0.33	1.50		66%	4	111	0.973	2%	20	
1,2,4-Trichlorobenzene	1.03	0.50	2.00		52%	2	108	0.91	12%	20	
2,4,6-Trichlorophenol	2.90	0.50	4.00		73%	6	117	2.91	0%	20	
?-Chlorophenol-d4	1.62	N/A	3.00		54%	25	108	201	070	20	
,2-Dichlorobenzene-d4	0.914	N/A	2.00		46%	18	106				
2-Fluorobiphenyl	0.975	N/A	2.00		49%	22	111				
?-Fluorophenol	1.36	N/A	3.00		45%	25	108				
Nitrobenzene-d5	1.22	N/A	2.00		61%	24	108				
Phenol-d6	1.70	N/A	3.00		57%	25	109				
1-Terphenyl-d14	1.24	N/A	2.00		62%	19	116				
2,4,6-Tribromophenol	2.13	N/A	3.00		71%	25	117				



%

Rec

Units: mg/Kg

Test Code: SW8270C

69%

67%

65%

63%

66%

63%

61%

72%

66%

8%

76%

76%

69%

68%

81%

74%

66%

78%

16%

66%

66%

72%

66%

71%

65%

73%

67%

53%

51%

53%

84%

76%

76%

78%

12%

69%

44%

78%

75%

67%

68%

63%

Low

Limit

3

4

4

3

5

5

5

7

5

13

10

11

6

5

3

3

3

4

4

3

4

3

4

3

3

4

3

2

3

3

15

4

3

7

2

12

12

4

3

5

4

3

High

Limit

113

114

133

115

108

115

118

109

113

89

110

100

104

106

119

120

109

116

115

109

111

122

110

115

121

107

134

100

100

100

152

118

116

111

108

108

101

104

137

111

147

111

**SPK** 

Ref Val

**SPK** 

value

1.49

1.49

1.49

1.99

1.49

1.49

1.49

1.49

1.49

5.97

1.99

1.99

1.99

1.99

1.99

1.99

1.99

3.98

1.99

1.99

3.98

1.99

1.49

1.99

1.99

1.49

1.99

1.99

1.99

1.99

1.99

3.98

1.99

1.99

3.98

3.98

3.98

1.99

1.99

1.49

1.49

1.99

POL

0.33

0.33

0.33

0.33

0.33

0.33

0.33

0.33

0.33

5.0

0.33

0.33

0.33

0.33

0.33

0.33

0.33

0.33

0.66

0.33

0.33

0.33

0.33

0.33

0.33

0.33

0.33

0.33

0.33

0.33

1.7

0.50

0.33

0.33

0.33

2.0

2.0

0.33

0.33

0.33

0.33

0.33

16-Oct-08

Sample Matrix Spike

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Result

Batch ID: 1255

1.03

1.00

0.974

1.25

0.979

0.938

0.907

1.08

0.982

0.453

1.51

1.52

1.37

1.36

1.62

1.47

1.31

3.09

0.327

1.31

2.63

1.43

0.989

1.41

1.30

1.09

1.34

1.05

1.01

1.06

1.68

3.01

1.52

1.55

0.489

2.74

1.75

1.56

1.49

0.997

1.02

1.26

Work Order:

Analyte

Client ID:

Anthracene

Azobenzene

Benzoic acid

Benzyl alcohol

Acenaphthene

Acenaphthylene

Benz[a]anthracene

Benzo[b]fluoranthene

Benzo[g,h,i]perylene

Benzo[k]fluoranthene

Bis(2-chloroethoxy)methane

Bis(2-chloroisopropyl)ether

Bis(2-ethylhexyl)phthalate

Butyl benzyl phthalate

2-Chloronaphthalene

Di-n-butyl phthalate

Di-n-octyl phthalate

Dibenzofuran

Dibenz[a,h]anthracene

1,2-Dichlorobenzene

1,3-Dichlorobenzene

1,4-Dichlorobenzene

2,4-Dichlorophenol

Diethyl phthalate

Dimethyl phthalate

2,4-Dimethylphenol

2,4-Dinitrophenol

2.4-Dinitrotoluene

2,6-Dinitrotoluene

Hexachlorobenzene

Fluoranthene

Fluorene

4,6-Dinitro-2-methylphenol

3,3'-Dichlorobenzidine

4-Chloroaniline

2-Chlorophenol

Chrysene

4-Chloro-3-methylphenol

4-Chlorophenyl phenyl ether

4-Bromophenyl phenyl ether

Bis(2-chloroethyl)ether

Benzo[a]pyrene

08080174

Project:

Sample ID: 08080275-01B-MS

Bond & Bond/48015

**QC SUMMARY REPORT** 

RPD % RPD
Ref Val RPD Limit Qual

Date Analyzed: 09/08/08 18:18

Date Prepared: 8/25/08

M2



16-Oct-08

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Project:

Bond & Bond/48015

**QC SUMMARY REPORT** 

Sample Matrix Spike

Analyte	Result	PQL	SPK value	SPK Ref Val	% Rec	Low	High	RPD	%	RPD	~ ·
Hexachlorobutadiene	·			Kei väl	Rec	Limit	Limit	Ref Val	RPD	Limit	Qual
Hexachlorocyclopentadiene	1.12	0.33	1.99		56%	2	98				
Hexachloroethane	0.597	2.0	1.99		30%	21	114				
Indeno[1,2,3-cd]pyrene	0.934	0.33	1.99		47%	3	120				
Isophorone	1.07	0.33	1.49		72%	7	115				
2-Methylnaphthalene	1.34	0.33	1.99		67%	4	132				
2-Methylphenol	1.37	0.33	1.99		69%	3	123				
4-Methylphenol	1.96	0.33	3.98		49%	3	119				
• •	2.23	0.50	3.98		56%	3	130				
N-Nitrosodi-n-propylamine	1.51	0.33	1.99		76%	2	120				
N-Nitrosodiphenylamine	0.223	0.33	1.99		11%	4	129				
Naphthalene	1.01	0.33	1.49		68%	11	108				
Vitrobenzene	1.38	0.33	1.99		69%	9	106				
-Nitrophenol	3.07	0.33	3.98		77%	6	108				
-Nitrophenol	3.17	2.0	3.98		80%	12	125				
Pentachlorophenol	2.66	0.67	3.98		67%	7	102				
Phenanthrene	1.00	0.33	1.49		67%	4	118				
Phenol	2.70	0.33	3.98		68%	7	112				
Pyrene	0.970	0.33	1.49		65%	4	111				
,2,4-Trichlorobenzene	1.28	0.50	1.99		64%	2	108				
,4,6-Trichlorophenol	3.00	0.50	3.98		75%	6	117				
-Chlorophenol-d4	1.92	N/A	2.99		64%	25	108				
,2-Dichlorobenzene-d4	1.08	N/A	1.99		54%	18	106				
2-Fluorobiphenyl	1.34	N/A	1.99		67%	22	111				
-Fluorophenol	1.71	N/A	2.99		57%	25	108				
litrobenzene-d5	1.44	N/A	1.99		72%	24	108				
henoi-d6	2.00	N/A	2.99		67%	25	109				
-Terphenyl-d14	1.38	N/A	1.99		69%	19	116				
,4,6-Tribromophenol	2.30	N/A	2.99		77%	25	117				



16-Oct-08

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Project:

Bond & Bond/48015

**QC SUMMARY REPORT** 

Sample Matrix Spike Duplicate

Analyte	Result	PQL	SPK value	SPK	% D	Low	High	RPD	%	RPD	
		TQL	varue	Ref Val	Rec	Limit	Limit	Ref Val	RPD	Limit	Qual
Sample ID: 08080275-01B-MSD	Batch ID: 1255			Test	Code: S	W8270C		Date Analy	/zed: 09	/08/08 19:	11
Client ID:				Unit	s: mg/Kg			Date Prepa	red: 8/2	5/08	
Acenaphthene	1.17	0.33	1.49		78%	3	113	1.03	13%	20	
Acenaphthylene	1.12	0.33	1.49		75%	4	114	1	11%	20	
Anthracene	1.11	0.33	1.49		74%	4	133	0.974	13%	20	
Azobenzene	1.46	0.33	1.99		73%	3	115	1.25	15%	20	
Benz[a]anthracene	1.14	0.33	1.49		76%	5	108	0.979	15%	20	
Benzo[a]pyrene	1.07	0.33	1.49		72%	5	115	0.938	13%	20	
Benzo[b]fluoranthene	1.04	0.33	1.49		70%	5	118	0.907	14%	20	
Benzo[g,h,i]perylene	1.22	0.33	1.49		82%	7	109	1.08	12%	20	
Benzo[k]fluoranthene	1.12	0.33	1.49		75%	5	113	0.982	13%	20	
Benzoic acid	1.79	5.0	5.97		30%	13	89	0.453	119%	20	N1
Benzył alcohol	1.65	0.33	1.99		83%	10	110	1.51	9%	20	
Bis(2-chloroethoxy)methane	1.65	0.33	1.99		83%	11	100	1.52	8%	20	
Bis(2-chioroethyl)ether	1.45	0.33	1.99		73%	6	104	1.37	6%	20	
Bis(2-chloroisopropyl)ether	1.46	0.33	1.99		73%	5	106	1.36	7%	20	
Bis(2-ethylhexyl)phthalate	1.86	0.33	1.99		93%	3	119	1.62	14%	20	
4-Bromophenyl phenyl ether	1.70	0.33	1.99		85%	3	120	1.47	15%	20	
Butyl benzyl phthalate	1.50	0.33	1.99		75%	3	109	1.31	14%	20	
4-Chloro-3-methylphenol	3.37	0.33	3.98		85%	4	116	3.09	9%	20	
1-Chloroanlline	0.381	0.66	1.99		19%	4	115	0.327	15%	20	
2-Chloronaphthalene	1.47	0.33	1.99		74%	3	109	1.31	12%	20	
2-Chlorophenol	2.80	0.33	3.98		70%	4	111	2.63	6%	20	
1-Chlorophenyl phenyl ether	1.60	0.33	1.99		80%	3	122	1.43	11%	20	
Chrysene	1.15	0.33	1.49		77%	4	110	0.989	15%	20	
Di-n-butyl phthalate	1.64	0.33	1.99		82%	3	115	1.41	15%	20	
Di-n-octyl phthalate	1.47	0.33	1.99		74%	3	121	1.3	12%	20	
Dibenz[a,h]anthracene	1.24	0.33	1.49		83%	4	107	1.09	13%	20	
Dibenzofuran	1.50	0.33	1.99		75%	3	134	1.34	11%	20	
,2-Dichlorobenzene	1.07	0.33	1.99		54%	2	100	1.05	2%	20	
,3-Dichlorobenzene	1.03	0.33	1.99		52%	3	100	1.01	2%	20	
,4-Dichlorobenzene	1.06	0.33	1.99		53%	3	100	1.06	0%	20	
3.3 -Dichlorobenzidine	1.65	1.7	1.99		83%	15	152	1.68	2%	20	
.4-Dichlorophenol	3.30	0.50	3.98		83%	4	118	3.01	9%	20	
Diethyl phthalate	1.70	0.33	1.99		85%	3	116	1.52	11%	20	
Dimethyl phthalate	1.69	0.33	1.99		85%	7	111	1.55	9%	20	
.4-Dimethylphenol	0.481	0.33	3.98		12%	2	108	0.489	2%	20	
,6-Dinitro-2-methylphenol	3.11	2.0	3.98		78%	12	108	2.74	13%	20	
,4-Dinitrophenol	1.99	2.0	3.98		50%	12	101	1.75	13%	20	
,4-Dinitrotoluene	1.68	0.33	1.99		84%	4	104	1,56	7%	20	
,6-Dinitrotoluene	1.65	0.33	1.99		83%	3	137	1.49	10%	20	
luoranthene	1.16	0.33	1.49		78%	5	111	0.997	15%	20	
luorene	1.16	0.33	1.49		78%	4	147	1.02	13%	20	
lexachlorobenzene	1.44	0.33	1.99		72%	3	111	1.26	13%	20	



16-Oct-08

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Project:

TCMX

Bond & Bond/48015

**QC SUMMARY REPORT** 

Sample Matrix Spike Duplicate

**SPK SPK** % Low High RPD % RPD Analyte Result POL value Ref Val Rec Limit Limit Ref Val **RPD** Limit Qual Hexachlorobutadiene 1.24 0.33 1.99 62% 2 98 1.12 10% 20 Hexachlorocyclopentadiene 0.670 2.0 1.99 34% 21 114 0.597 20 12% Hexachloroethane 0.976 0.33 1.99 49% 3 120 0.934 4% 20 Indeno[1,2,3-cd]pyrene 1.21 0.33 1.49 81% 7 115 1.07 12% 20 Isophorone 1.48 0.33 1.99 74% 4 132 1.34 10% 20 2-Methylnaphthalene 1.51 0.33 1.99 76% 3 123 1.37 10% 20 2-Methylphenol 2.09 0.33 3.98 53% 3 119 1.96 6% 20 4-Methylphenol 2.40 0.50 3.98 60% 3 130 2.23 7% 20 N-Nitrosodi-n-propylamine 1.66 0.33 1.99 83% 2 120 1.51 9% 20 N-Nitrosodiphenylamine 0.261 0.33 1.99 13% 4 129 0.223 16% 20 Naphthalene 1.11 0.33 1.49 74% 11 108 1.01 9% 20 Nitrobenzene 1.49 0.33 1.99 75% 9 106 1.38 20 8% 2-Nitrophenol 3.33 0.33 3.98 84% 6 108 3.07 20 8% 4-Nitrophenol 3.65 2.0 3.98 92% 12 125 3.17 14% 20 Pentachlorophenol 2.93 0.67 3.98 74% 7 102 2.66 10% 20 Phenanthrene 1.16 0.33 1.49 78% 4 118 1 15% 20 Phenol 2.92 0.33 3.98 73% 7 112 2.7 8% 20 Pyrene 1.12 0.33 1.49 75% 4 111 0.97 14% 20 1,2,4-Trichlorobenzene 1.40 0.50 1.99 70% 2 108 1.28 9% 20 2,4,6-Trichlorophenol 3.26 0.50 3.98 82% 6 117 3 20 8% 2-Chlorophenoi-d4 2.02 N/A 2.99 68% 25 108 1,2-Dichlorobenzene-d4 1.08 N/A 1.99 54% 18 106 2-Fluorobiphenyl 1.47 N/A 1.99 74% 22 111 2-Fluorophenol 1.71 N/A 2.99 57% 25 108 Nitrobenzene-d5 1.54 N/A 1.99 77% 24 108 Phenol-d6 2.11 N/A 2.99 71% 25 109 4-Terphenyl-d14 N/A 1.51 1.99 76% 19 116 2,4,6-Tribromophenol 2.44 N/A 2.99 82% 25 117 Sample ID: 08080247-06A-MSP Batch ID: 1185 Test Code: SW8082 08/22/08 10:49 Date Analyzed: Client ID: Units: mg/Kg Date Prepared: 8/18/08 Aroclor 1016 1.141 0.033 1.33 86% 35 139 Aroclor 1260 0.033 1.107 1.33 83% 30 131 Decachlorobiphenyl 0.1187 N/A 0.133 89% 31 165 **TCMX** 0.1170 N/A 0.133 88% 39 160 Sample ID: 08080247-06A-MSPD Batch ID: 1185 Test Code: SW8082 Date Analyzed: 08/22/08 11:20 Client ID: Units: mg/Kg Date Prepared: 8/18/08 Aroclor 1016 1.191 0.034 1.34 89% 35 139 1.141 4% 33 Aroclor 1260 0.034 1.181 1.34 88% 30 131 1.107 6% 26 Decachlorobiphenyl 0.1218 N/A 0.134 91% 31 165

94%

39

160

0.134

0.1268

N/A



16-Oct-08

Sample Matrix Spike

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Project:

Bond & Bond/48015

Analyte	Result	PQL	SPK value	SPK Ref Val	% Rec	Low Limit	High Limit	RPD Ref Val	% RP		RPD Limit	Qual
Sample ID: 08080271-01B-MSP	Batch ID: 123				Code: S			Date Analy			/08 08:4	
Client ID:				Units	: mg/Kg	5		Date Prepa		8/21/0	8	
Arocior 1016	0.9866	0.034	1.34	****	74%	35	139					
Aroclor 1260	0.9701	0.034	1.34		72%	30	131					
Decachlorobiphenyl	0.1181	N/A	0.134		88%	31	165					
TCMX	0.1242	N/A	0.134		93%	39	160					
Sample ID: 08080271-01B-MSPI	D Batch ID: 123	33		Test	Code: S	W8082		Date Analy	zed:	08/30	/08 09:1	3
Client ID:				Units	: mg/Kg			Date Prepar	red:	8/21/0	8	
Arocior 1016	0.9889	0.034	1.34		74%	35	139	0.9866	09	6	33	
Aroclor 1260	0.9805	0.034	1.34		73%	30	131	0.9701	19		26	
Decachlorobiphenyl	0.1094	N/A	0.134		82%	31	165					
TCMX	0.1148	N/A	0.134		86%	39	160					
Sample ID: 08080276-01B-MSP	Batch ID: 125	0		Test (	Code: S	Date Analyzed: 09/03/08 09:31				1		
Client ID:				Units	: mg/Kg			Date Prepar	red:	8/23/0	8	
Aroclor 1016	0.5554	0.17	1.34		41%	35	139					
Aroclor 1260	0.3909	0.17	1.34		29%	30	131					M2
Decachlorobiphenyl	0.07047	N/A	0.134		53%	31	165					
CMX	0.09396	N/A	0.134		70%	39	160					
Sample ID: 08080276-01B-MSPI	Batch ID: 125	0		Test (	Code: S	W8082		Date Analy	zed:	09/03/	/08 10:0	3
Client ID:				Units	mg/Kg			Date Prepar	red:	8/23/08	8	
Aroclor 1016	0.7933	0.17	1.33		60%	35	139	0.5554	35%	6	33	R5
Aracior 1260	0.7050	0.17	1.33		53%	30	131	0.3909	57%		26	R2
Decachlorobiphenyl	0.1050	N/A	0.133		79%	31	165		-			
CMX	0.1200	N/A	0.133		90%	39	160					



16-Oct-08

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

QC SUMMARY REPORT

Blank Spike

Project: Bond &	& Bond/48015									В	Blank Spik
Analyte	Result	PQL	SPK value	SPK Ref Val	% Rec	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Sample ID: LCS-1200	Batch ID: 120	0		Test	Code: S	W6010B		Date Analy	zed: 0	8/22/08 19	:12
				Unit	s: mg/Kg	) )		Date Prepa	red: 8/	19/08	
Arsenic	51.66	5.0	50.0		103%	87	112				
Barium	598.0	5.0	550		109%	71	130				
Cadmium	52.28	1.0	50.0		105%	87	117				
Chromium	51.96	5.0	50.0		104%	88	112				
Lead	51.46	5.0	50.0		103%	82	116				
Selenium	53.35	5.0	50.0		107%	83	117				
Silver	27.33	5.0	25.0		109%	85	111				
Sample ID: LCS-1226	Batch ID: 122	6		Test	Code: S	W6010B		Date Analy	zed: 0	3/24/08 11	:45
•					s: mg/Kg			Date Prepa			
Arsenic	50.95	5.0	50.0		102%	87	112	1			
Barium	576.3	5.0	550		105%	71	130				
Cadmium	51.66	1.0	50.0		103%	87	117				
Chromium	49.96	5.0	50.0		100%	88	112				
Lead	50.70	5.0	50.0		101%	82	116				
Selenium	51.67	5.0	50.0		103%	83	117				
Silver	25.73	5.0	25.0		103%	85	111				
Sample ID: LCS-1227	Batch ID: 122	7		Test		W6010B		Date Analy	zed: 0	3/24/08 13	:42
					s: mg/Kg			Date Prepa			
Arsenic	50.26	5.0	50.0		101%	87	112	<u> </u>			
Barium	568.6	5.0	550		103%	71	130				
Cadmium	51.54	1.0	50.0		103%	87	117				
Chromium	49.68	5.0	50.0		99%	88	112				•
Lead	50.80	5.0	50.0		102%	82	116				
Selenium	51.85	5.0	50.0		104%	83	117				
Silver	25.58	5.0	25.0		102%	85	111				
Sample ID: LCSD-1200	Batch ID: 120	0		Test	Code: S	W6010B		Date Analy	zed: 0	3/22/08 19	:16
				Units	s: mg/Kg	<u>;</u>		Date Prepar			
Arsenic	49.61	5.0	50.0		99%	87	112	51.66	4%	20	
Barium	570.7	5.0	550		104%	71	130	598	5%	20	
Cadmium	50.69	1.0	50.0		101%	87	117	52.28	3%	20	
Chromium	50.12	5.0	50.0		100%	88	112	51.96	4%	20	
Lead	49.76	5.0	50.0		100%	82	116	51.46	3%	20	
Selenium	51.59	5.0	50.0		103%	83	117	53.35	3%	20	
*****	01.00	5.0	25.0		10070	00	1.17	27.33	370	20	



16-Oct-08

Blank Spike Duplicate

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Project: Bond & Bond/48015

Analyte	Result	PQL	SPK value	SPK Ref Val	% Rec	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Ougl
Sample ID: LCSD-1226		-	varue				LIIIII				Qual
Sample 11): ECSD-1220	Batch ID: 12:	20			SW6010B		Date Analyzed: 08/24/08 11:49				
				Unit	s: mg/Kg	5		Date Prepar	ed: 8/2	0/08	
Arsenic	49.69	5.0	50.0		99%	87	112	50.95	3%	20	
Barium	559.5	5.0	550		102%	71	130	576.3	3%	20	
Cadmium	50.96	1.0	50.0		102%	87	117	51.66	1%	20	
Chromium	49.08	5.0	50.0		98%	88	112	49.96	2%	20	
Lead	50.18	5.0	50.0		100%	82	116	50.7	1%	20	
Selenium	51.20	5.0	50.0		102%	83	117	51.67	1%	20	
Silver	25.24	5.0	25.0		101%	85	111	25.73	2%	20	
Sample ID: LCSD-1227	Batch ID: 122	27		Test	Code: S	W6010B		Date Analyz	zed: 08/	/24/08 13:	46
				Unit	s: mg/Kg	5		Date Prepar	ed: 8/2	0/08	
Arsenic	51,11	5.0	50.0		102%	87	112	50.26	2%	20	
Barium	583.1	5.0	550		106%	71	130	568.6	3%	20	
Cadmium	52.59	1.0	50.0		105%	87	117	51.54	2%	20	
Chromium	50.88	5.0	50.0		102%	88	112	49.68	2%	20	
Lead	52.02	5.0	50.0		104%	82	116	50.8	2%	20	
Selenium	52.68	5.0	50.0		105%	83	117	51.85	2%	20	
Silver	26.28	5.0	25.0		105%	85	111	25.58	3%	20	
Sample ID: LCS-1212	Batch ID: 121		Test	Code: S	W7471A		Date Analyz			34	
				Units	s: mg/Kg			Date Prepare			
Mercury	0.3950	0.083	0.417		95%	80	120				w.c.
Sample ID: LCS-1213	Batch ID: 121	3		Test Code: SW7471A			7471A Date Analyzed: 08/2				16
				Units	s: mg/Kg			Date Prepare			
Mercury	0.3800	0.083	0.417		91%	80	120				
Sample ID: LCSD-1212	Batch ID: 121	2	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Test	Code: S	W7471A		Date Analyz	ed: 08/	20/08 15:	36
				Units	s: mg/Kg			Date Prepare			
Mercury	0.3817	0.083	0.417		92%	80	120	0.395	3%	20	
Sample ID: LCSD-1213	Batch ID: 121	3		Test	Code: S	W7471A		Date Analyz	ed: 08/	20/08 16:	17
				Units	s; mg/Kg			Date Prepare			
Mercury	0.3800	0.083	0.417		91%	80	120	0.38	0%	20	
Sample ID: LFB 8/11	Batch ID: ML	.6GC130808	311	Test	Code: 8	015AZ	1-2-01-2-1	Date Analyz	ed: 08/	11/08 00:0	)0
-					s; mg/Kg			Date Prepare			
C10-C22 DRO	549	30	500		110%	70	130	<u>,</u> , ,			
p-Terphenyl	10.1	N/A	10.0		101%	10	100				



16-Oct-08

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

Project:

Bond & Bond/48015

08080174

QC SUMMARY REPORT

Blank Spike

Analyte	Result	PQL	SPK value	SPK Ref Val	% Rec	Low Limit	High Limit	RPD % RPD Ref Val RPD Limit Qual
Sample ID: LFB 8/12	Batch ID: MI	.6GC130808	312	Test	Code: 8	015AZ		Date Analyzed: 08/12/08 00:00
				Unit	s: mg/Kg	5		Date Prepared: 8/12/08
C10-C22 DRO	534	30	500	,	107%	70	130	
o-Terphenyl	9.70	N/A	10.0		97%	70	130	
Sample ID: LFB 8/13	Batch ID: MI	.6GC130808	813	Test	Code: 8	015AZ		Date Analyzed: 08/13/08 00:00
		·		Unit	s; mg/Kg	;		Date Prepared: 8/13/08
C10-C22 DRO	547	30	500		109%	70	130	
o-Terphenyl	9,50	N/A	10.0	~	95%	70	130	
Sample ID: LFB 8/14	Batch ID; MI	.6GC130808	Test	Code: 8	015AZ		Date Analyzed: 08/18/08 00:00	
				Units	s: mg/Kg			Date Prepared: 8/14/08
C10-C22 DRO	544	30	500		109%	70	130	
o-Terphenyl	10.0	N/A	10.0		100%	70	130	
Sample ID: LFBD 8/11	Batch ID: MI	Test	Code: 8	015AZ		Date Analyzed: 08/11/08 00:00		
				Units	s: mg/Kg			Date Prepared: 8/11/08
C10-C22 DRO	549	30	500		110%	70	130	549 0% 20
o-Terphenyl	9.50	N/A	10.0		95%	70	130	
Sample ID; LFBD 8/12	Batch ID: ML	.6GC130808	12	Test	Code: 8	015AZ	of / dud	Date Analyzed: 08/12/08 00:00
				Units	s: mg/Kg			Date Prepared: 8/12/08
C10-C22 DRO	522	30	500		104%	70	130	534 2% 20
o-Terphenyl	9.70	N/A	10.0		97%	70	130	22.
Sample ID: LFBD 8/13	Batch ID: ML	.6GC130808	13	Test	Code: 8	015AZ		Date Analyzed: 08/13/08 00:00
				Units	g; mg/Kg			Date Prepared: 8/13/08
C10-C22 DRO	548	30	500		110%	70	130	547 0% 20
o-Terphenyl	10.1	N/A	10.0		101%	70	130	
Sample ID: LFBD 8/14	Batch ID: ML	.6GC130808	14	Test Code: 8015AZ				Date Analyzed: 08/18/08 00:00
					: mg/Kg			Date Prepared: 8/14/08
C10-C22 DRO	533	30	500		107%	70	130	544 2% 20
o-Terphenyl	9.70	N/A	10.0		97%	70	130	



16-Oct-08

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

Work Order: 08080	0174							QCDOM	.171.23		
Project: Bond	& Bond/48015									В	lank Spik
Analyte	Result	PQL	SPK value	SPK Ref Val	% Rec	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Sample ID: LCS 8/11	Batch ID: M	L6GC14080	811	Test	Code: S	SW8021B		Date Analyze	d: 08	/11/08 00:	00
				Unit	s: mg/Kg	;		Date Prepared	1: 8/1	1/08	
Methyl tert-butyl ether	0.560	0.20	0.500		112%	60	136				
Benzene	0.500	0.050	0.500		100%	70	130				
Ethylbenzene	0.480	0.10	0.500		96%	70	130				
Toluene	0.480	0.10	0.500		96%	70	130				
Xylenes, total	1.451	0.15	1,50		97%	70	130				
TVFHC (C6-C10)	25.8	10	25.0		103%	70	130				
Bromofluorobenzene	1.06	N/A	1.00		106%	64	127				
Sample ID: LCS 8/12	Batch ID: M	L6GC14080	812	Test	Code: §	W8021B		Date Analyze	d: 08	/12/08 00:	00
				Unit	s: mg/Kg	5		Date Prepared	1: 8/1	2/08	
Methyl tert-butyl ether	0.560	0.20	0.500	•	112%	60	136				
Benzene	0.490	0.050	0.500		98%	70	130				
Ethylbenzene	0.460	0.10	0.500		92%	70	130				
Toluene	0.470	0.10	0.500		94%	70	130				
Xylenes, total	1.388	0.15	1.50		93%	70	130				
TVFHC (C6-C10)	27.3	10	25.0		109%	70	130				
Bromofluorobenzene	1.08	N/A	1.00		108%	64	127				
Sample ID: LCS 8/13	Batch ID: M	L6GC14080	813	Test	Code: S	W8021B		Date Analyze	d: 08	/13/08 00:	00
				Unit	s: mg/Kg	;		Date Prepared	I: 8/1	3/08	
Methyl tert-butyl ether	0.550	0.20	0.500		110%	60	136				
Benzene	0.500	0.050	0.500		100%	70	130				
Ethylbenzene	0.480	0.10	0.500		96%	70	130				
Toluene	0.480	0.10	0.500		96%	70	130				
Xylenes, total	1.431	0.15	1.50		95%	70	130				
TVFHC (C6-C10)	26.2	10	25.0		105%	70	130				
Bromofluorobenzene	1.06	N/A	1.00		106%	64	127				
Sample ID: LCS 8/14	Batch ID: M	L6GC14080	814	Test	Code: S	W8021B		Date Analyze	d: 08	/14/08 00:	00
				Unit	s: mg/Kg			Date Prepared	: 8/1	4/08	
Methyl tert-butyl ether	0.560	0.20	0.500		112%	60	136				
Benzene	0.500	0.050	0.500		100%	70	130				
Ethylbenzene	0.470	0.10	0.500		94%	70	130				
Toluene	0.480	0.10	0.500		96%	70	130				
Xylenes, total	1.404	0.15	1.50		94%	70	130				
TVFHC (C6-C10)	25.5	10	25.0		102%	70	130				
Bromofluorobenzene	1.07	N/A	1.00		107%	64	127				
						· · · · · · · · · · · · · · · · · · ·			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		



16-Oct-08

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

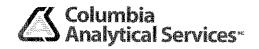
Project:

Bond & Bond/48015

QC SUMMARY REPORT

Blank Spike Duplicate

Analyte	Result	PQL	SPK value	SPK Ref Val	% Rec	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual		
Sample ID: LCSD 8/11	Batch ID: M		811	Test	Code: S	W8021B		Date Analy	zed: 08				
•				Unit	s: mg/Kg	}		Date Prepared: 8/11/08					
Methyl tert-butyl ether	0.480	0,20	0.500		96%	60	136	0.56	15%	36			
Benzene	0.510	0.050	0.500		102%	70	130	0.5	2%	20			
Ethylbenzene	0.490	0.10	0.500		98%	70	130	0.48	2%	20			
Toluene	0.490	0.10	0.500		98%	70	130	0.48	2%	20			
Xylenes, total	1.468	0.15	1.50		98%	70	130	1.45	1%	20			
TVFHC (C6-C10)	26.7	10	25.0		107%	70	130	25.8	3%	20			
Bromofluorobenzene	1.05	N/A	1.00		105%	64	127						
Sample ID: LCSD 8/12	Batch ID: M	L6GC14080	812	Test	Code: S	W8021B		Date Analy	zed: 08	/12/08 00:	00		
				Unit	s; mg/Kg	,		Date Prepa	red: 8/1	2/08			
Methyl tert-butyl ether	0.630	0.20	0.500		126%	60	136	0.56	12%	36			
Benzene	0.510	0.050	0.500		102%	70	130	0.49	4%	20			
Ethylbenzene	0.480	0.10	0.500		96%	70	130	0.46	4%	20			
Toluene	0.490	0.10	0.500		98%	70	130	0.47	4%	20			
Xylenes, total	1,453	0.15	1.50		97%	70	130	1.39	4%	20			
TVFHC (C6-C10)	27.2	10	25.0		109%	70	130	27.3	0%	20			
Bromofluorobenzene	1,08	N/A	1.00		108%	64	127						
Sample ID: LCSD 8/13	Batch ID: MI	L6GC14080	813	Test	Code: S	W8021B		Date Analy	zed: 08	/13/08 00:	00		
				Unit	s; mg/Kg	5		Date Prepa	red: 8/1	3/08			
Methyl tert-butyl ether	0.570	0.20	0.500		114%	60	136	0.55	4%	36			
Benzene	0.490	0.050	0.500		98%	70	130	0.5	2%	20			
Ethylbenzene	0.470	0.10	0.500		94%	70	130	0.48	2%	20			
Toluene	0.470	0.10	0.500		94%	70	130	0.48	2%	20			
Xylenes, total	1.376	0.15	1.50		92%	70	130	1.43	4%	20			
TVFHC (C6-C10)	26.5	10	25.0		106%	70	130	26.2	1%	20			
Bromofluorobenzene	1,03	N/A	1.00		103%	64	127						
Sample ID: LCSD 8/14	Batch ID: MI	L6GC14080	814	Test	Code: 8	W8021B		Date Analy	zed: 08	/14/08 00:	00		
		:		Unit	s; mg/Kg			Date Prepar	red: 8/1	4/08			
Methyl tert-butyl ether	0.610	0.20	0.500		122%	60	136	0.56	9%	36			
Benzene	0.500	0.050	0.500		100%	70	130	0.5	0%	20			
Ethylbenzene	0.470	0.10	0.500		94%	70	130	0.47	0%	20			
Toluene	0.480	0.10	0.500		96%	70	130	0.48	0%	20			
Xylenes, total	1.384	0.15	1.50		92%	70	130	1.4	1%	20			
TVFHC (C6-C10)	26.3	10	25.0		105%	70	130	25.5	3%	20			
Bromofluorobenzene	1.07	N/A	1.00		107%	64	127						



16-Oct-08

Blank Spike

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Project:

Bond & Bond/48015

**QC SUMMARY REPORT** 

Analyte	Result	PQL	SPK value	SPK Ref Val	% Rec	Low Limit	High Limit	RPD % Ref Val RPD	RPD Limit Qual
Sample ID: LCS-1195	Batch ID: 119	5		Test	Code: S	SW8270C		Date Analyzed: 08/2:	2/08 16:04
				Unit	s; mg/Kg	ŗ		Date Prepared: 8/19/	08
Acenaphthene	1.232	0.33	1.50		82%	47	96		
Acenaphthylene	1.409	0.33	1.50		94%	48	100		
Anthracene	1.236	0.33	1.50		82%	46	100		
Azobenzene	1.643	0.33	2.00		82%	46	107		
Benz[a]anthracene	1.274	0.33	1.50		85%	48	101		
Benzo[a]pyrene	1.223	0.33	1.50		82%	40	108		
Benzo[b]fluoranthene	0.9960	0.33	1.50		66%	35	110		
Benzo[g,h,i]perylene	1.269	0.33	1.50		85%	38	127		
Benzo[k]fluoranthene	1.161	0.33	1.50		77%	38	117		
Benzoic acid	2.834	5.0	6.00		47%	13	88		
Benzyl alcohol	1.615	0.33	2.00		81%	43	95		
Bis(2-chloroethoxy)methane	1.529	0.33	2.00		76%	44	93		
Bis(2-chloroethyl)ether	1,491	0.33	2.00		75%	39	89		
Bis(2-chloroisopropyl)ether	1.523	0.33	2.00		76%	43	100		
Bis(2-ethylhexyl)phthalate	1,807	0.33	2.00		90%	46	103		
4-Bromophenyl phenyl ether	1.708	0.33	2.00		85%				
Butyl benzyl phthalate	1.717	0.33	2.00		86%	48	109		
4-Chloro-3-methylphenol	3.587	0.33	4.00		90%	44 45	99		
4-Chioroaniline	1.553	0.66	2.00			45	105		
2-Chloronaphthalene	1.596	0.33	2.00		78%	15	143		
2-Chlorophenol	3.234	0.33	4.00		80%	27	120		
4-Chlorophenyl phenyl ether	1.828	0.33	2.00		81% 91%	45	94		
Chrysene	1.277	0.33	2.00 1.50			52	105		
Di-n-butyl phthalate	1.685	0.33	2.00		85%	48	100		
Di-n-octyl phthalate	1.837	0.33	2.00		84%	47	106		
Dibenz[a,h]anthracene	1.258				92%	39	110		
Dibenzofuran	1.704	0.33	1.50		84%	38	124		
1,2-Dichlorobenzene		0.33	2.00		85%	47	98		
1,3-Dichlorobenzene	1.440	0.33	2.00		72%	25	112		
1,4-Dichlorobenzene	1.456	0.33	2.00		73%	27	114		
3,3'-Dichlorobenzidine	1.481	0.33	2.00		74%	27	115		
	2.205	1.7	2.00		110%	15	199		
2,4-Dichlorophenol	3.417	0.50	4.00		85%	46	98		
Diethyl phthalate Dimethyl phthalate	1.754	0.33	2.00		88%	46	111		
2,4-Dimethylphenol	1.697	0.33	2.00		85%	47	104		
4,6-Dinitro-2-methylphenol	2.998	0.33	4.00		75%	42	89		
• •	2.985	2.0	4.00		75%	34	108		
2,4-Dinitrophenol	2.244	2.0	4.00		56%	21	89		
2,4-Dinitrotoluene	1.756	0.33	2.00		88%	46	101		
2,6-Dinitrotoluene Fluoranthene	1.690	0.33	2.00		85%	45	100		
	1.235	0.33	1.50		82%	45	98		
Fluorene	1.275	0.33	1.50		85%	47	101		
Hexachlorobenzene	1.671	0.33	2.00		84%	44	105		
Hexachlorobutadiene	1.441	0.33	2.00		72%	38	90		



16-Oct-08

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Project:

Bond & Bond/48015

QC SUMMARY REPORT

			SPK	SPK	%	Low	High	RPD	%	RPD	
Analyte	Result	PQL	value	Ref Val	Rec	Limit	Limit	Ref Val	RPD	Limit	Qual
Hexachlorocyclopentadiene	2.054	2.0	2.00		103%	21	125	······································	***************************************		
Hexachloroethane	1.543	0.33	2.00		77%	39	99				
Indeno[1,2,3-cd]pyrene	1.262	0.33	1.50		84%	42	125				
Isophorone	1.633	0.33	2.00		82%	40	92				
2-Methylnaphthalene	1.533	0.33	2.00		77%	42	93				
2-Methylphenol	3.212	0.33	4.00		80%	43	93				
4-Methylphenol	3.293	0.50	4.00		82%	48	100				
N-Nitrosodi-n-propylamine	1.692	0.33	2.00		85%	43	103				
N-Nitrosodiphenylamine	1.373	0.33	2.00		69%	4	156				
Naphthalene	1.178	0.33	1.50		79%	44	95				
Nitrobenzene	1.482	0.33	2.00		74%	20	128				
2-Nitrophenol	3.309	0.33	4.00		83%	46	97				
4-Nitrophenol	3.648	2.0	4.00		91%	45	113				
Pentachlorophenol	3.085	0.67	4.00		77%	37	98				
Phenanthrene	1.272	0.33	1.50		85%	49	102				
Phenol	3.145	0.33	4.00		79%	45	91				
Pyrene	1.316	0.33	1.50		88%	46	96				
1,2,4-Trichlorobenzene	1.517	0.50	2.00		76%	28	116				
2,4,6-Trichlorophenoi	3.603	0.50	4.00		90%	48	101				
2-Chlorophenol-d4	2.449	N/A	3.00		82%	25	108				
1,2-Dichlorobenzene-d4	1.667	N/A	2.00		83%	18	106				
2-Fluorobiphenyl	1.802	N/A	2.00		90%	22	111				
2-Fluorophenol	2.368	N/A	3.00		79%	25	108				
Nitrobenzene-d5	1.694	N/A	2.00		85%	24	108				
Phenol-d6	2.485	N/A	3.00		83%	25	109				
4-Terphenyl-d14	1.891	N/A	2.00		95%	19	116				
2,4,6-Tribromophenol	2.861	N/A	3.00		95%	25	117				



16-Oct-08

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Project:

Bond & Bond/48015

QC SUMMARY REPORT

Analyte	Result	PQL	SPK value	SPK Ref Val	% Rec	Low Limit	High Limit	RPD % RPD Ref Val RPD Limit Qua	al
Sample ID: LCS-1243	Batch ID: 1243	3		Test	Code: S	W8270C		Date Analyzed: 08/26/08 15:01	
				Units	s: mg/Kg	ţ		Date Prepared: 8/21/08	
Acenaphthene	1.159	0.33	1.50		77%	47	96		
Acenaphthylene	1.183	0.33	1.50		79%	48	100		
Anthracene	0.9255	0.33	1.50		62%	46	100		
Azobenzene	1.230	0.33	2.00		62%	46	107		
Benz[a]anthracene	1.125	0.33	1.50		75%	48	101		
Benzo[a]pyrene	1.083	0.33	1.50		72%	40	108		
Benzo[b]fluoranthene	0.8995	0.33	1.50		60%	35	110		
Benzo[g,h,i]perylene	1.151	0.33	1.50		77%	38	127		
Benzo[k]fluoranthene	1.051	0.33	1.50		70%	38	117		
Benzoic acid	2.804	5.0	6.00		47%	13	88		
Benzyl alcohol	1.422	0.33	2.00		71%	43	95		
Bis(2-chloroethoxy)methane	1.291	0.33	2.00		65%	44	93		
3is(2-chloroethyl)ether	1.299	0.33	2.00		65%	39	89		
Bls(2-chloroisopropyl)ether	1.350	0.33	2.00		68%	43	100		
3is(2-ethylhexyl)phthalate	1.686	0.33	2.00		84%	46	103		
1-Bromophenyl phenyl ether	1.275	0.33	2.00		64%	48	109		
Butyl benzyl phthalate	1.543	0.33	2.00		77%	44	99		
1-Chloro-3-methylphenol	3.206	0.33	4.00		80%	45	105		
I-Chloroaniline	0.4340	0.66	2.00		22%	15	143		
2-Chloronaphthalene	1.321	0.33	2.00		66%	27	120		
2-Chlorophenol	2.828	0.33	4.00		71%	45	94		
1-Chlorophenyl phenyl ether	1.616	0.33	2.00		81%	<del>4</del> 3	105		
Chrysene	1.109	0.33	1.50		74%	48	100		
Di-n-butyl phthalate	1.289	0.33	2.00		64%	40 47	106		
Di-n-octyl phthalate	1.745	0.33	2.00		87%	39			
Dibenz[a,h]anthracene	1,138	0.33	1.50		76%	38	110		
Dibenzofuran	1.470	0.33	2.00		74%	30 47	124 98		
,2-Dichlorobenzene	1.261	0.33	2.00		63%	47 25	112		
,3-Dichlorobenzene	1.250	0.33	2.00		63%	25 27	114		
,4-Dichlorobenzene	1.277	0.33	2.00		64%	27 27	115		
;3`-Dichlorobenzidine	1.965	1.7	2.00		98%	47 15	199		
,4-Dichlorophenol	2.927	0.50	4.00		73%		98		
Diethyl phthalate	1.593	0.33	2.00		80%	46 46			
Dimethyl phthalate	1.515	0.33	2.00		76%	46 47	111 104		
,4-Dimethylphenol	2.765	0.33	4.00		69%	47	89		
,6-Dinitro-2-methylphenol	2.108	2.0	4.00		53%				
,4-Dinitrophenol	1.892	2.0	4.00		55% 47%	34 21	108 en		
,4-Dinitrotoluene	1.579	0.33	2.00			21 46	89 101		
,,4-Dinitrotoluene	1.475				79%	46	101		
luoranthene		0.33	2.00		74%	45 45	100		
luoraninene luorene	0.9440	0.33	1.50		63%	45	98		
lexachlorobenzene	1.126	0.33	1.50		75%	47	101		
lexachlorobutadiene	1.248 1.204	0.33 0.33	2.00 2.00		62% 60%	44 38	105 90		



16-Oct-08

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Project: Bond & Bond/48015

QC SUMMARY REPORT

Analyte	Result	DOI.	SPK	SPK Pof Vol	% Doc	Low	High	RPD	%	RPD	0 1
		PQL	value	Ref Val	Rec	Limit	Limit	Ref Val	RPD	Limit	Qual
Hexachlorocyclopentadiene	1.810	2.0	2.00		91%	21	125				
Hexachloroethane	1.308	0.33	2.00		65%	39	99				
Indeno[1,2,3-cd]pyrene	1.147	0.33	1.50		76%	42	125				
Isophorone	1.378	0.33	2.00		69%	40	92				
2-Methylnaphthalene	1.314	0.33	2.00		66%	42	93				
2-Methylphenol	2.903	0.33	4.00		73%	43	93				
4-Methylphenol	2.957	0.50	4.00		74%	48	100				
N-Nitrosodi-n-propylamine	1.438	0.33	2.00		72%	43	103				
N-Nitrosodiphenylamine	0.2335	0.33	2.00		12%	4	156				
Naphthalene	0.9970	0.33	1.50		66%	44	95				
Nitrobenzene	1.287	0.33	2.00		64%	20	128				
2-Nitrophenol	2.817	0.33	4.00		70%	46	97				
4-Nitrophenol	3.175	2.0	4.00		79%	45	113				
Pentachlorophenol	2.347	0.67	4.00		59%	37	98				
Phenanthrene	0.9660	0.33	1.50		64%	49	102				
Phenol	2.767	0.33	4.00		69%	45	91				
Pyrene	1,194	0.33	1.50		80%	46	96				
1,2,4-Trichlorobenzene	1.285	0.50	2.00		64%	28	116				
2,4,6-Trichlorophenol	3.080	0.50	4.00		77%	48	101				
2-Chlorophenol-d4	2.038	N/A	3.00		68%	25	108				
1,2-Dichlorobenzene-d4	1.382	N/A	2.00		69%	18	106				
2-Fluorobiphenyl	1.428	N/A	2.00		71%	22	111				
2-Fluorophenol	1,917	N/A	3.00		64%	25	108				
Vitrobenzene-d5	1.371	N/A	2.00		69%	24	108				
Phenol-d6	2.086	N/A	3.00		70%	25	109				
1-Terphenyl-d14	1.611	N/A	2.00		81%	19	116				
2,4,6-Tribromophenol	2.427	N/A	3.00		81%	25	117				



16-Oct-08

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Project:

Bond & Bond/48015

QC SUMMARY REPORT

Analyte	Result	PQL	SPK value	SPK Ref Val	% Rec	Low Limit	High Limit	RPD % Ref Val RPD	RPD Limit Qual			
Sample ID: LCS-1255	Batch ID: 125	5		Test	Code: S	W8270C		Date Analyzed: 0	9/05/08 06:14			
				Unit	s; mg/Kg			Date Prepared: 8/25/08				
Acenaphthene	0.707	0.33	1.50		47%	47	96					
Acenaphthylene	0.717	0.33	1.50		48%	48	100					
Anthracene	0.686	0.33	1.50		46%	46	100					
Azobenzene	0.904	0.33	2.00		45%	46	107		L2			
Benz[a]anthracene	0.716	0.33	1.50		48%	48	101		No. Pro			
Benzo[a]pyrene	0.721	0.33	1.50		48%	40	108					
Benzo[b]fluoranthene	0.635	0.33	1.50		42%	35	110					
Benzo[g,h,i]perylene	0.760	0.33	1.50		51%	38	127					
Benzo[k]fluoranthene	0.779	0.33	1.50		52%	38	117					
Benzoic acid	1.92	5.0	6.00		32%	13	88					
Benzyl alcohol	0.966	0.33	2.00		48%	43	95					
Bis(2-chloroethoxy)methane	0.962	0.33	2.00		48%	44	93					
Bis(2-chloroethyl)ether	0.980	0.33	2.00		49%	39	95 89					
Bis(2-chloroisopropyl)ether	0.998	0.33	2.00		50%	43	100					
Bis(2-ethylhexyl)phthalate	1.04	0.33	2.00		52%	46	103					
4-Bromophenyl phenyl ether	1.08	0.33	2.00		54%	48	103					
Butyl benzyl phthalate	0.928	0.33	2.00		46%	44	99					
4-Chloro-3-methylphenol	1.95	0.33	4.00		49%	45	105					
4-Chloroaniline	0.240	0.66	2.00		12%	15	143		L2			
2-Chloronaphthalene	0.944	0.33	2.00		47%	27	120		LZ			
2-Chlorophenol	2.10	0.33	4.00		53%	45	94					
4-Chlorophenyl phenyl ether	0.998	0.33	2.00		50%	52	105		L2			
Chrysene	0.728	0.33	1.50		49%	48	100		LZ			
Di-n-butyl phthalate	0.997	0.33	2.00	0.029	48%	46 47	106					
Di-n-octyl phthalate	0.942	0.33	2.00	0.029	47%	39	110					
Dibenz[a,h]anthracene	0.752	0.33	1.50		50%	3 <del>9</del> 38						
Dibenzofuran	0.935	0.33	2.00		47%	30 47	124 98					
1,2-Dichlorobenzene	0.939	0.33	2.00		47%	25	96 112					
1,3-Dichlorobenzene	0.943	0.33	2.00		47% 47%	25 27	114					
1,4-Dichlorobenzene	0.943	0.33	2.00		47%	27 27	115					
3,3'-Dichlorobenzidine	1.27	1.7	2.00		64%	15	199					
2,4-Dichlorophenol	2.11	0.50	4.00		53%	46	98					
Diethyl phthalate	1.00	0.33	2.00		50%	46 46	111					
Dimethyl phthalate	0.959	0.33	2.00		48%	40 47	104					
2,4-Dimethylphenol	1.88	0.33	4.00		40% 47%							
4,6-Dinitro-2-methylphenol	1.97	2.0	4.00			42 34	89 100					
2,4-Dinitrophenol	1.68	2.0	4.00		49% 42%	3 <del>4</del> 21	108 89					
2,4-Dinitrotoluene	0.928	0.33	2.00		42% 46%	46	101					
2,6-Dinitrotoluene	0.888	0.33	2.00		40%	46 45	100		L2			
Fluoranthene	0.721	0.33	1.50		48%	45 45	98		LZ			
Fluorene	0.721	0.33	1.50		40% 48%	45 47	96 101					
Hexachlorobenzene	0.953	0.33	2.00			47						
Hexachlorobutadiene	0.953	0.33	2.00		48%		105 90					
TOXAGENOTODURAGIONS	U.SIZ	U.JJ	Z.UU		46%	38	YU YU		····			



16-Oct-08

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Project: Bond & Bond/48015

QC SUMMARY REPORT

			SPK	SPK	%	Low	High	RPD	%	RPD	
Analyte	Result	PQL	value	Ref Val	Rec	Limit	Limit	Ref Val	RPD	Limit	Qual
Hexachlorocyclopentadiene	0.946	2.0	2.00		47%	21	125				
Hexachloroethane	0.910	0.33	2.00		46%	39	99				
Indeno[1,2,3-cd]pyrene	0.764	0.33	1.50		51%	42	125				
İsophorone	0.830	0.33	2.00		42%	40	92				
2-Methylnaphthalene	0.978	0.33	2.00		49%	42	93				
2-Methylphenol	2.10	0.33	4.00		53%	43	93				
4-Methylphenol	2.09	0.50	4.00		52%	48	100				
N-Nitrosodi-n-propylamine	0.931	0.33	2.00		47%	43	103				
N-Nitrosodiphenylamine	0.169	0.33	2.00		8%	4	156				
Naphthalene	0.761	0.33	1.50		51%	44	95				
Nitrobenzene	0.986	0.33	2.00		49%	20	128				
2-Nitrophenol	2.03	0.33	4.00		51%	46	97				
4-Nitrophenol	1.83	2.0	4.00		46%	45	113				
Pentachlorophenol	1.81	0.67	4.00		45%	37	98				
Phenanthrene	0.737	0.33	1.50		49%	49	102				
Phenol	2.05	0.33	4.00		51%	45	91				
Pyrene	0.744	0.33	1.50		50%	46	96				
1,2,4-Trichlorobenzene	1.03	0.50	2.00		52%	28	116				
2,4,6-Trichlorophenol	1.94	0.50	4.00		49%	48	101				
2-Chlorophenol-d4	1.54	N/A	3.00		51%	25	108				
1,2-Dichlorobenzene-d4	1.00	N/A	2.00		50%	18	106				
2-Fluorobiphenyl	0.980	N/A	2.00		49%	22	111				
2-Fluorophenol	1.48	N/A	3.00		49%	25	108				
Nitrobenzene-d5	1.03	N/A	2.00		52%	24	108				
Phenol-d6	1,52	N/A	3.00		51%	25	109				
1-Terphenyl-d14	1.06	N/A	2.00		53%	19	116				
2,4,6-Tribromophenol	1.52	N/A	3.00		51%	25	117				



16-Oct-08

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Project:

Bond & Bond/48015

QC SUMMARY REPORT

Blank Spike Duplicate

Analyte	Result	PQL	SPK value	SPK Ref Val	% Rec	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Sample ID: LCSD-1195	Batch ID: 119	5		Test	Code: S	SW8270C		Date Analy	zed: 08	/22/08 16:5	7
				Unit	s: mg/Kg	<u>,</u>		Date Prepar	red: 8/1	9/08	
Acenaphthene	1.261	0.33	1.50		84%	47	96	1.232	2%	20	
Acenaphthylene	1.408	0.33	1.50		94%	48	100	1.409	0%	20	
Anthracene	1.243	0.33	1.50		83%	46	100	1.236	1%	20	
Azobenzene	1.687	0.33	2.00		84%	46	107	1.643	3%	20	
Benz[a]anthracene	1.282	0.33	1.50		85%	48	101	1.274	1%	20	
Benzo[a]pyrene	1.249	0.33	1.50		83%	40	108	1.223	2%	20	
Benzo[b]fluoranthene	1.221	0.33	1.50		81%	35	110	0.996	20%	22	
Benzo(g,h,i]perylene	1.287	0.33	1.50		86%	38	127	1.269	1%	20	
lenzo[k]fluoranthene	1.209	0.33	1.50		81%	38	117	1.161	4%	24	
Benzoic acid	3.037	5.0	6.00		51%	13	88	2,834	7%	60	
Benzyl alcohol	1.643	0.33	2.00		82%	43	95	1.615	2%	20	
Bis(2-chloroethoxy)methane	1.528	0.33	2.00		76%	44	93	1.529	2% 0%	20	
is(2-chloroethyl)ether	1.509	0.33	2.00		75%	39	89	1.491	1%		
Bis(2-chloroisopropyl)ether	1.546	0.33	2.00		77%	43	100	1.523		20	
is(2-ethylhexyl)phthalate	1.816	0.33	2.00		91%	43 46	103	1.807	1%	20	
-Bromophenyl phenyl ether	1.734	0.33	2.00		87%	48			0%	21	
utyl benzyl phthalate	1.728	0.33	2.00		86%		109	1.708	2%	20	
-Chloro-3-methylphenol	3.565	0.33	4.00			44	99	1.717	1%	20	
-Chloroaniline	1.568	0.55	2.00		89%	45	105	3.587	1%	20	
-Chioronaphthalene	1.620	0.00	2.00		78%	15	143	1.553	1%	20	
-Chlorophenol	3.214				81%	27	120	1.596	1%	20	
Chlorophenyl phenyl ether		0.33	4.00		80%	45	94	3.234	1%	20	
hrysene	1.848	0.33	2.00		92%	52	105	1.828	1%	20	
i-n-butyl phthalate	1.278	0.33	1.50		85%	48	100	1.277	0%	20	
i-n-octyl phthalate	1.719	0.33	2.00		86%	47	106	1.685	2%	20	
ibenz[a,h]anthracene	1.901	0.33	2.00		95%	39	110	1.837	3%	21	
ibenzofuran	1.289	0.33	1.50		86%	38	124	1.258	2%	20	
2-Dichlorobenzene	1.707	0.33	2.00		85%	47	98	1.704	0%	20	
	1.432	0.33	2.00		72%	25	112	1.44	1%	20	
,3-Dichlorobenzene	1.456	0.33	2.00		73%	27	114	1.456	0%	20	
4-Dichlorobenzene	1.474	0.33	2.00		74%	27	115	1.481	0%	20	
3'-Dichlorobenzidine	2.184	1.7	2.00		109%	15	199	2.205	1%	24	
4-Dichlorophenol	3.406	0.50	4.00		85%	46	98	3.417	0%	20	
iethyl phthalate	1.781	0.33	2.00		89%	46	111	1.754	2%	20	
methyl phthalate	1.709	0.33	2.00	٠	85%	47	104	1,697	1%	20	
4-Dimethylphenol	2.957	0.33	4.00		74%	42	89	2.998	1%	20	
6-Dinitro-2-methylphenol	3.185	2.0	4.00		80%	34	108	2.985	6%	21	
1-Dinitrophenol	2.482	2.0	4.00		62%	21	89	2.244	10%	27	
4-Dinitrotoluene	1.768	0.33	2.00		88%	46	101	1.756	1%	20	
6-Dinitrotoluene	1.730	0.33	2.00		87%	45	100	1.69	2%	20	
uoranthene	1.249	0.33	1.50		83%	45	98	1.235	1%	20	
uorene	1.274	0.33	1.50		85%	47	101	1.275	0%	20	
exachlorobenzene	1.707	0.33	2.00		85%	44	105	1.671	2%	20	
exachlorobutadiene	1.442	0.33	2.00		72%	38	90	1.441	0%	20	



16-Oct-08

License No. AZM133/AZ0133

Blank Spike Duplicate

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Project:

Bond & Bond/48015

QC SUMMARY REPORT

A 1 /	<b>7</b> 0 - 10	201	SPK	SPK	%	Low	High	RPD	%	RPD	
Analyte	Result	PQL	value	Ref Val	Rec	Limit	Limit	Ref Val	RPD	Limit	Qual
Hexachlorocyclopentadiene	2.159	2.0	2.00		108%	21	125	2.054	5%	24	
Hexachloroethane	1.535	0.33	2.00		77%	39	99	1.543	1%	20	
Indeno[1,2,3-cd]pyrene	1.286	0.33	1.50		86%	42	125	1.262	2%	20	
Isophorone	1.648	0.33	2.00		82%	40	92	1.633	1%	20	
2-Methylnaphthalene	1.541	0.33	2.00		77%	42	93	1.533	1%	20	
2-Methylphenol	3.244	0.33	4.00		81%	43	93	3.212	1%	20	
4-Methylphenol	3.341	0.50	4.00		84%	48	100	3.293	1%	20	
N-Nitrosodi-n-propylamine	1.704	0.33	2.00		85%	43	103	1.692	1%	20	
N-Nitrosodiphenylamine	1.385	0.33	2.00		69%	4	156	1.373	1%	25	
Naphthalene	1.171	0.33	1.50		78%	44	95	1.178	1%	20	
Nitrobenzene	1.493	0.33	2.00		75%	20	128	1.482	1%	20	
2-Nitrophenol	3.345	0.33	4.00		84%	46	97	3.309	1%	20	
4-Nitrophenol	3.694	2.0	4.00		92%	45	113	3.648	1%	20	
Pentachlorophenol	3.135	0.67	4.00		78%	37	98	3.085	2%	20	
Phenanthrene	1.296	0.33	1.50		86%	49	102	1.272	2%	20	
Phenol	3.153	0.33	4.00		79%	45	91	3,145	0%	20	
Pyrene	1.320	0.33	1.50		88%	46	96	1.316	0%	20	
1,2,4-Trichlorobenzene	1.517	0.50	2.00		76%	28	116	1.517	0%	20	
2,4,6-Trichlorophenol	3.585	0.50	4.00		90%	48	101	3.603	1%	20	
2-Chlorophenol-d4	2.410	N/A	3.00		80%	25	108			<del></del>	
1,2-Dichlorobenzene-d4	1.631	N/A	2.00		82%	18	106				
2-Fluorobiphenyl	1.799	N/A	2.00		90%	22	111				
2-Fluorophenol	2.325	N/A	3.00		78%	25	108				
Nitrobenzene-d5	1.686	N/A	2.00		84%	24	108				
Phenol-d6	2,463	N/A	3.00		82%	25	109				
4-Terphenyl-d14	1.869	N/A	2.00		93%	19	116				
2,4,6-Tribromophenol	2.818	N/A	3.00		94%	25	117				



16-Oct-08

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

Fluorene

Hexachlorobenzene

Hexachlorobutadiene

08080174

**QC SUMMARY REPORT** 

Blank Spike Duplicate Project: Bond & Bond/48015 **SPK SPK** % Low High **RPD** % RPD Analyte Result **PQL** value Ref Val Rec Limit Limit Ref Val **RPD** Limit Qual Sample ID: LCSD-1243 Batch ID: 1243 Test Code: SW8270C 08/26/08 15:53 Date Analyzed: Units: mg/Kg Date Prepared: 8/21/08 Acenaphthene 0.33 1.158 1.50 77% 47 96 1.159 0% 20 Acenaphthylene 1.280 0.33 1.50 85% 48 100 1.183 8% 20 Anthracene 1.185 0.33 1.50 79% 46 100 0.9255 25% 20 R7 Azobenzene 1.575 0.33 2.00 79% 46 107 1.23 25% 20 R7 Benz[a]anthracene 1.232 0.33 1.50 82% 48 101 9% 1.125 20 Benzo[a]pyrene 1.165 0.33 1.50 40 78% 108 1.083 7% 20 Benzo[b]fluoranthene 1.017 0.33 1.50 68% 35 110 0.8995 12% 22 Benzo[g,h,i]perylene 1.249 0.33 1.50 83% 38 127 1.151 8% 20 Benzo[k]fluoranthene 1.188 0.33 1.50 79% 38 117 1.051 12% 24 Benzoic acid 3.690 5.0 6.00 62% 13 88 2.804 27% 60 Benzyl alcohol 1.464 0.33 2.00 73% 43 95 1.422 20 3% Bis(2-chloroethoxy)methane 1.383 0.33 2.00 69% 44 93 1.291 7% 20 Bis(2-chloroethyl)ether 1.369 0.33 2.00 68% 39 89 1,299 5% 20 Bis(2-chloroisopropyl)ether 1.410 0.33 2.00 71% 43 100 1.35 4% 20 Bis(2-ethylhexyl)phthalate 1.804 0.33 2.00 90% 46 103 1.686 7% 21 4-Bromophenyl phenyl ether 1.651 0.33 2.00 83% 48 109 1.275 R7 26% 20 Butyl benzyl phthalate 1.683 0.33 2.00 84% 44 99 1.543 9% 20 4-Chloro-3-methylphenol 3.371 0.33 4.00 84% 45 105 3.206 5% 20 4-Chloroaniline 0.4685 0.66 2.00 23% 15 143 0.434 8% 20 2-Chloronaphthalene 1.445 2.00 0.33 72% 27 120 1.321 9% 20 2-Chlorophenol 2.998 0.33 4.00 75% 45 94 2.828 6% 20 4-Chlorophenyl phenyl ether 1.740 0.33 2.00 87% 52 105 1.616 7% 20 Chrysene 1.215 0.33 1.50 81% 48 100 1.109 9% 20 Di-n-butyl phthalate 1.637 0.33 2.00 82% 47 106 1.289 24% 20 R7 Di-n-octyl phthalate 1.858 0.33 2.00 93% 39 110 1.745 6% 21 Dibenz[a,h]anthracene 1.237 0.33 1.50 82% 38 124 1.138 8% 20 Dibenzofuran 1.583 0.33 2.00 79% 47 98 1.47 7% 20 1,2-Dichlorobenzene 1.326 2.00 0.33 66% 25 112 1.261 5% 20 1,3-Dichlorobenzene 1.326 0.33 2.00 66% 27 114 1.25 6% 20 1,4-Dichlorobenzene 1.350 0.33 2.00 68% 27 115 1.277 6% 20 3,3'-Dichlorobenzidine 2.285 1.7 2.00 114% 15 199 1.965 15% 24 2,4-Dichlorophenol 3.111 0.50 4.00 78% 46 98 2,927 6% 20 Diethyl phthalate 1.699 0.33 2.00 85% 46 111 1.593 6% 20 Dimethyl phthalate 1.630 0.33 2.00 47 81% 104 7% 20 1.515 2,4-Dimethylphenol 2,903 0.33 4.00 73% 42 89 2.765 5% 20 4,6-Dinitro-2-methylphenol 3.096 2.0 4.00 77% 34 108 2.108 38% 21 R7 2,4-Dinitrophenol 4.00 2.457 2.0 61% 21 89 1.892 27 26% 2,4-Dinitrotoluene 1.686 0.33 2.00 84% 46 101 1.579 7% 20 2,6-Dinitrotoluene 1.599 0.33 2.00 80% 45 100 1.475 8% 20 Fluoranthene 1.215 0.33 1.50 81% 45 98 0.944 25% 20 R7

R7

81%

81%

66%

47

44

38

101

105

90

1.126

1.248

1.204

8%

26%

9%

20

20

20

1.50

2.00

2.00

1.218

1.616

1.324

0.33

0.33

0.33



16-Oct-08

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Project:

Bond & Bond/48015

QC SUMMARY REPORT

Blank Spike Duplicate

			SPK	SPK	%	Low	High	RPD	%	RPD	
Analyte	Result	PQL	value	Ref Val	Rec	Limit	Limit	Ref Val	RPD	Limit	Qual
Hexachlorocyclopentadiene	2.012	2.0	2.00		101%	21	125	1.81	11%	24	
Hexachloroethane	1.407	0.33	2.00		70%	39	99	1.308	7%	20	
Indeno[1,2,3-cd]pyrene	1.234	0.33	1,50		82%	42	125	1.147	7%	20	
Isophorone	1,471	0.33	2.00		74%	40	92	1.378	7%	20	
2-Methylnaphthalene	1.395	0.33	2.00		70%	42	93	1,314	6%	20	
2-Methylphenol	2.976	0.33	4.00		74%	43	93	2.903	2%	20	
4-Methylphenol	3.075	0.50	4.00		77%	48	100	2.957	4%	20	
N-Nitrosodi-n-propylamine	1.497	0.33	2.00		75%	43	103	1.438	4%	20	
N-Nitrosodiphenylamine	0.2960	0.33	2.00		15%	4	156	0.2335	24%	25	
Naphthalene	1.090	0.33	1.50		73%	44	95	0.997	9%	20	
Nitrobenzene	1.364	0.33	2.00		68%	20	128	1.287	6%	20	
2-Nitrophenol	3.045	0.33	4.00		76%	46	97	2.817	8%	20	
4-Nitrophenol	3.418	2.0	4.00		85%	45	113	3.175	7%	20	
Pentachlorophenol	3.084	0.67	4.00		77%	37	98	2.347	27%	20	R7
Phenanthrene	1.252	0.33	1.50		83%	49	102	0.966	26%	20	R7
Phenol	2,877	0.33	4.00		72%	45	91	2.767	4%	20	111
Pyrene	1.306	0.33	1.50		87%	46	96	1.194	9%	20	
1,2,4-Trichlorobenzene	1.389	0.50	2.00		69%	28	116	1.285	8%	20	
2,4,6-Trichlorophenol	3,347	0.50	4.00		84%	48	101	3.08	8%	20	
2-Chlorophenol-d4	2.135	N/A	3.00		71%	25	108	3,00	0 /0	20	
1,2-Dichlorobenzene-d4	1,456	N/A	2.00		73%	18	106				
2-Fluorobiphenyl	1.545	N/A	2.00		77%	22	111				
2-Fluorophenol	2.019	N/A	3.00		67%	25	108				
Nitrobenzene-d5	1.473	N/A	2.00		74%	24	108				
Phenol-d6	2.164	N/A	3.00		72%	25	109				
4-Terphenyl-d14	1.777	N/A	2.00		89%	19	116				
2,4,6-Tribromophenol	2.605	N/A	3.00		87%	25	117				



16-Oct-08

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

QC SUMMARY REPORT

Work Order: 08080174  Project: Bond & Bond/48015  Blank Spike Duplicate												
Analyte	Result	PQL	SPK value	SPK Ref Val	% Rec	Low Limit	High Limit	RPD Bef Vel	%	RPD	O 1	
		r Ar	value				Liiliit	Ref Val	RPD	Limit	Qual	
Sample ID: LCSD-1255	Batch ID: 1255					W8270C		Date Analy:		/05/08 07:	07	
				Unit	s: mg/Kg			Date Prepar	ed: 8/2	5/08		
Acenaphthene	1.30	0.33	1.50		87%	47	96	0.707	59%	20	R7	
Acenaphthylene	1.32	0.33	1.50		88%	48	100	0.717	59%	20	R7	
Anthracene	1.30	0.33	1.50		87%	46	100	0.686	62%	20	R7	
Azobenzene	1.67	0.33	2.00		84%	46	107	0.904	60%	20	R2	
Benz[a]anthracene	1.41	0.33	1.50		94%	48	101	0.716	65%	20	R7	
Benzo[a]pyrene	1.40	0.33	1.50		93%	40	108	0.721	64%	20	R7	
Benzo[b]fluoranthene	1.39	0.33	1.50		93%	35	110	0.635	75%	22	R7	
Benzo[g,h,i]perylene	1.54	0.33	1.50		103%	38	127	0.76	68%	20	R7	
Benzo[k]fluoranthene	1.44	0.33	1.50		96%	38	117	0.779	60%	24	R7	
Benzoic acid	4.46	5.0	6.00		74%	13	88	1.92	80%	60	R7	
Benzyl alcohol	1.60	0.33	2.00		80%	43	95	0.966	49%	20	R7	
Bis(2-chloroethoxy)methane	1.58	0.33	2.00		79%	44	93	0.962	49%	20	R7	
Bis(2-chloroethyl)ether	1.50	0.33	2.00		75%	39	89	0.902	42%	20	R7	
Bis(2-chloroisopropyl)ether	1.53	0.33	2.00		77%	43	100	0.998	42% 42%		R7	
Bis(2-ethylhexyl)phthalate	2.17	0.33	2.00		109%	43 46	103			20		
4-Bromophenyl phenyl ether	2.03	0.33	2.00		102%			1.04	70%	21	L1,R2	
Butyl benzyl phthalate	1.82	0.33	2.00		91%	48	109	1.08	61%	20	R7	
4-Chloro-3-methylphenol	3.50	0.33	4.00		88%	44	99	0.928	65%	20	R7	
4-Chloroaniline	0.514	0.55	2.00			45	105	1.95	57%	20	R7	
2-Chloronaphthalene	1.60	0.00	2.00		26%	15	143	0.24	73%	20	R2	
2-Chlorophenol	3.05				80%	27	120	0.944	52%	20	R7	
4-Chlorophenyl phenyl ether		0.33	4.00		76%	45	94	2.1	37%	20	R7	
Chrysene Chrysene	1.84	0.33	2.00		92%	52	105	0.998	59%	20	R2	
Di-n-butyl phthalate	1.42	0.33	1.50	0.000	95%	48	100	0.728	64%	20	R7	
	1.85	0.33	2.00	0.029	91%	47	106	0.997	60%	20	R7	
Di-n-octyl phthalate	1.82	0.33	2.00		91%	39	110	0.942	64%	21	R7	
Dibenz[a,h]anthracene	1.51	0.33	1.50		101%	38	124	0.752	67%	20	R7	
Dibenzofuran	1.71	0.33	2.00		86%	47	98	0.935	59%	20	R7	
1,2-Dichlorobenzene	1.44	0.33	2.00		72%	25	112	0.939	42%	20	R7	
1,3-Dichlorobenzene	1.47	0.33	2.00		74%	27	114	0.943	44%	20	R7	
1,4-Dichlorobenzene	1.49	0.33	2.00		75%	27	115	0.943	45%	20	R7	
3,3`-Dichlorobenzidine	2.77	1.7	2.00		139%	15	199	1.27	74%	24	R7	
2,4-Dichlorophenol	3.31	0.50	4.00		83%	46	98	2.11	44%	20	R7	
Diethyl phthalate	1.88	0.33	2.00		94%	46	111	1	61%	20	R7	
Dimethyl phthalate	1.83	0.33	2.00		92%	47	104	0.959	62%	20	R7	
2,4-Dimethylphenol	3.06	0.33	4.00		77%	42	89	1.88	48%	20	R7	
4,6-Dinitro-2-methylphenol	3.69	2.0	4.00		92%	34	108	1.97	61%	21	R7	
2,4-Dinitrophenol	3.71	2.0	4.00		93%	21	89	1.68	75%	27	L1,R2	
2,4-Dinitrotoluene	1.79	0.33	2.00		90%	46	101	0.928	63%	20	R7	
2,6-Dinitrotoluene	1.75	0.33	2.00		88%	45	100	0.888	65%	20	R2	
Fluoranthene	1.34	0.33	1.50		89%	45	98	0.721	60%	20	R7	
Fluorene	1.34	0.33	1.50		89%	47	101	0.717	61%	20	R7	
Hexachlorobenzene	1.74	0.33	2.00		87%	44	105	0.953	58%	20	R7	
Hexachlorobutadiene	1.42	0.33	2.00		71%	38	90	0.912	44%	20	R7	



16-Oct-08

Blank Spike Duplicate

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

Project:

Bond & Bond/48015

QC SUMMARY REPORT

rroject. Dona i	æ Bonu/70013			***************************************						э.	
Analyte	Result	PQL	SPK value	SPK Ref Val	% Rec	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Hexachlorocyclopentadiene	1.69	2.0	2.00	101 (11							
Hexachloroethane	1.46	0.33	2.00		85%	21	125	0.946	56%	24	Ŕ7
Indeno[1,2,3-cd]pyrene	1.40				73%	39	99	0.91	46%	20	R7
Isophorone		0.33	1.50		101%	42	125	0.764	66%	20	R7
2-Methylnaphthalene	1.49	0.33	2.00		75%	40	92	0.83	57%	20	R7
2-Methylphenol	1.57	0.33	2.00		79%	42	93	0.978	46%	20	R7
4-Methylphenol	3.13	0.33	4.00		78%	43	93	2.1	39%	20	R7
N-Nitrosodi-n-propylamine	3.24	0.50	4.00		81%	48	100	2.09	43%	20	R7
N-Nitrosodi-n-propylamine N-Nitrosodiphenylamine	1.57	0.33	2.00		79%	43	103	0.931	51%	20	R7
	0.331	0.33	2.00		17%	4	156	0.169	65%	25	R7
Naphthalene	1,20	0.33	1.50		80%	44	95	0.761	45%	20	R7
Nitrobenzene	1.55	0.33	2.00		78%	20	128	0.986	44%	20	R7
2-Nitrophenol	3.26	0.33	4.00		81%	46	97	2.03	47%	20	R7
4-Nitrophenol	3.97	2.0	4.00		99%	45	113	1.83	74%	20	R7
Pentachlorophenol	3.43	0.67	4.00		86%	37	98	1.81	62%	20	R7
Phenanthrene	1.39	0.33	1.50		93%	49	102	0.737	61%	20	R7
Phenol	3.03	0.33	4.00		76%	45	91	2.05	39%	20	R7
^o yrene	1,42	0.33	1.50		95%	46	96	0.744	62%	20	R7
1,2,4-Trichlorobenzene	1.56	0.50	2.00		78%	28	116	1.03	41%	20	R7
2,4,6-Trichlorophenol	3.52	0.50	4.00		88%	48	101	1.94	58%	20	R7
2-Chlorophenol-d4	2.15	N/A	3.00		72%	25	108		00.0		
,2-Dichlorobenzene-d4	1.43	N/A	2.00		72%	18	106				
2-Fluorobiphenyl	1.56	N/A	2.00		78%	22	111				
2-Fluorophenol	2.04	N/A	3.00		68%	25	108				
Vitrobenzene-d5	1.51	N/A	2.00		76%	24	108				
Phenol-d6	2.16	N/A	3.00		72%	25	109				
-Terphenyl-d14	1.78	N/A	2.00		89%	19	116				
2,4,6-Tribromophenol	2.64	N/A	3.00		88%	25					
			0.00				117		·/··.		
Sample ID: LCSP-1185	Batch ID: 113	53			Code: S			Date Analyz		21/08 21:	15
				Units	s: mg/Kg			Date Prepare	ed: 8/18	3/08	
Aroclor 1016	1.441	0.033	1.33		108%	44	169				
Aroclor 1260	1.529	0.033	1.33		115%	47	176				
Decachlorobiphenyl	0.1617	N/A	0.133		121%	31	165				
CMX	0.1550	N/A	0.133		116%	39	160				
Sample ID: LCSP-1233	Batch ID: 123	33		Test	Code: S	W8082		Date Analyz	ted: 08/	29/08 19:	08
				Units	: mg/Kg			Date Prepare			
Aroclor 1016	1.293	0.033	1.33		97%	44	169			••	
Aroclor 1260	1.408	0.033	1.33		106%	47	176				
Decachlorobiphenyl	0.1420	N/A	0.133		107%	31	165				
		. 477 1	01100		10110	Ψ I	100				



16-Oct-08

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08080174

QC SUMMARY REPORT

Blank Spike
) t Qual
0:29
1:46
9:40
1:00

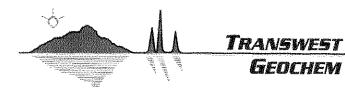
Mobile Lab



Storage Location:

Sample Receipt Checklist

Custody seals intact on shipping container/cooler? Yes \  \ No \  \ Not Present \  \\ Custody seals intact on shipping container/cooler? Yes \  \ No \  \ Not Present \  \\ Custody seals intact on sample bottles? Yes \  \ No \  \ Not Present \  \\ Chain of custody signed when relinquished and received? Yes \  \ No \  \ Not \  \\ Chain of custody agrees with sample labels? Yes \  \ No \  \\ Samples in proper container/bottle? Yes \  \ No \  \\ Sample containers intact? Yes \  \ No \  \\ Sample containers intact? Yes \  \ No \  \\ Sufficient sample volume for indicated test? Yes \  \ No \  \\ All samples received within holding time? Yes \  \ No \  \\ Temperature in compliance? Yes \  \ No \  \\ Water - VOA vials have zero headspace? Yes \  \ No \  \\ Water - PH acceptable upon receipt? Yes \  \ No \  \\ Water - PH acceptable upon receipt? Yes \  \ No \  \\ Water - Sulfides present in Cyanide samples? Yes \  \ No \  \\ Dissolved Water Analytes - Field Filtered? Yes \  \\ No \  \\ Dissolved Water Analytes - Field Filtered? Yes \  \\ No	A sad 1	1		0.7	/ /
Checklist completed by:	Client Name: Pr. S/0/	÷	Date and Time	Received:	11/08
Checklist completed by:   Client   CAS   Logged In by:   Mo   Initials   Date    Matrix:   Carrier Name: Client   CAS   Reviewed by:   COMMEN    Shipping container/cooler in good condition?   Yes   No   Not Present    Custody seals intact on shipping container/cooler?   Yes   No   Not Present    Custody seals intact on sample bottles?   Yes   No   Not Present    Chain of custody signed when retinquished and received?   Yes   No   Not Present    Chain of custody sagrees with sample labels?   Yes   No    Samples in proper container/bottle?   Yes   No    Sample containers intact?   Yes   No    Sufficient sample volume for indicated test?   Yes   No    Temperature in compliance?   Yes   No    Temperature in compliance?   Yes   No    Water - VOA vials have zero headspace?   Yes   No   No   N/A    Water - PH acceptable upon receipt?   Yes   No   N/A   Checked by:    Water - Sufficies present in Cyunide samples?   Yes   No   N/A    Dissolved Water Analytes - Field Filtered?   Yes   No   N/A    Comments:   Date contacted:   Contacted by:    Person contacted:   Date contacted:   Contacted by:	Work Order Number: 08080/74	/	Checked by:	MO	
Shipping container/cooler in good condition?  Custody seals intact on shipping container/cooler?  Custody seals intact on sample bottles?  Chain of custody signed when relinquished and received?  Chain of custody signed when relinquished and received?  Chain of custody agrees with sample labels?  Samples in proper container/bottle?  Sample containers intact?  Sufficient sample volume for indicated test?  Wes \( \) No \( \)  Sufficient sample volume for indicated test?  Where was the temperature reading taken at?  Water - VOA vials have zero headspace?  Water - PH acceptable upon receipt?  Water - Sulfides present in Cyanide samples?  Water - Sulfides present in Cyanide samples?  Person contacted:  Date contacted:  COMMEN  No \( \) Not Present \( \)  No \( \) No \( \)  Wet Ice Present \( \)  Wet Ice Present \( \)  Wet Ice Present \( \)  No \( \) N/A \( \)  Water - VOA vials have zero headspace?  Yes \( \) No \( \) N/A \( \)  No \( \) N/A \( \)  Checked by: \( \)  No \( \) N/A \( \)  No \( \) N/A \( \)  Checked by: \( \)  No \( \) N/A \( \)  Dissolved Water Analytes - Field Filtered?  Person contacted: \( \) Date contacted: \( \) Contacted by: \( \)		15/0 \$		$\alpha / 1$	1
Custody seals intact on shipping container/cooler? Yes \( \) No \( \) Not Present \( \)  Custody seals intact on sample botties? Yes \( \) No \( \) Not Present \( \)  Custody seals intact on sample botties? Yes \( \) No \( \) Not Present \( \)  Chain of custody signed when relinquished and received? Yes \( \) No \( \) Not Present \( \)  Chain of custody agrees with sample labels? Yes \( \) No \( \)  Samples in proper container/bottle? Yes \( \) No \( \)  Samples in proper container/bottle? Yes \( \) No \( \)  Sample containers intact? Yes \( \) No \( \)  Sufficient sample volume for indicated test? Yes \( \) No \( \)  All samples received within holding time? Yes \( \) No \( \)  Temperature in compliance? Yes \( \) No \( \)  Where was the temperature reading taken at? Sample \( \) Temp Blank \( \) Other:  Water \( - \) VOA \( \) label N/A \( \)  Water \( - \) PH acceptable upon receipt? Yes \( \) No \( \) N/A \( \)  Water \( - \) PH acceptable upon receipt? Yes \( \) No \( \) N/A \( \)  Dissolved Water Analytes \( - \) Field Filtered? Yes \( \) No \( \) N/A \( \)  Person contacted: \( \) Date contacted: \( \) Contacted by: \( \)  Regarding:	Matrix: Carrier Name: Client CAS		Reviewed by:	Infliats / Date	20.CS
Custody seals intact on shipping container/cooler? Yes \bigcape No \bigcape Not Present \bigcape Custody seals intact on sample bottles? Yes \bigcape No \bigcape No \bigcape Not Present \bigcape Chain of custody signed when relinquished and received? Yes \bigcape No \bigcape No \bigcape Chain of custody agrees with sample labels? Yes \bigcape No \bigcape Samples in proper container/bottle? Yes \bigcape No \bigcape Sample containers intact? Yes \bigcape No \bigcape Sample containers intact? Yes \bigcape No \bigcape Sufficient sample volume for indicated test? Yes \bigcape No \bigcape All samples received within holding time? Yes \bigcape No \bigcape Temperature in compliance? Yes \bigcape No \bigcape Where was the temperature reading taken at? Sample \bigcape Temp Blank \bigcape Other: Water - VOA vials have zero headspace? Yes \bigcape No \bigcape N/A \bigcape Water - pH acceptable upon receipt? Yes \bigcape No \bigcape N/A \bigcape Water - Sulfides present in Cyanide samples? Yes \bigcape No \bigcape N/A \bigcape Dissolved Water Analytes - Field Filtered? Yes \bigcape No \bigcape No \bigcape No \bigcape N/A \bigcape N/A \bigcape Comments:  Person contacted: Date contacted: Contacted by:  Regarding:	Shipping container/cooler in good condition?	Yes □	No □	Not Present □	COMMENTS
Custody seals intact on sample bottles? Yes  No  Not Present  Not Pres	Custody seals intact on shipping container/cooler?	Yes □			
Chain of custody signed when relinquished and received? Yes \  \text{No} \  \text{No} \  \text{No} \  \text{Chain of custody agrees with sample labels?} Yes \  \text{No} \  \text{No} \  \text{Samples in proper container/bottle?} Yes \  \text{No} \  \text{No} \  \text{Sample containers intact?} Yes \  \text{No} \  \text{No} \  \text{Sample containers intact?} Yes \  \text{No} \  \text{No} \  \text{Sufficient sample volume for indicated test?} Yes \  \text{No} \  \text{No} \  \text{No} \  \text{Temperature in compliance?} Yes \  \text{No} \  \text{Temperature in compliance?} Yes \  \text{No} \  \text{Tempe Blank} \  \text{Other:} \\ \text{Water} - VOA vials have zero headspace?} Yes \  \text{No} \  \text{No} \  \text{No} \  \text{N/A} \  \text{Checked by:} \  \text{Water} - pH acceptable upon receipt? Yes \  \text{No} \  \text{No} \  \text{No} \  \text{N/A} \  \text{Checked by:} \  \text{Water} - Sulfides present in Cyanide samples? Yes \  \text{No} \  \text{No} \  \text{N/A} \  \text{Dissolved Water Analytes} - Field Filtered? Yes \  \text{No} \  \text{No} \  \text{No} \  \text{N/A} \  \text{Person contacted:} \  \text{Contacted by:} \  \text{Person contacted:} \  \text{Date contacted:} \  \text{Date contacted:} \  \text{Contacted by:} \  \text{Contacted by:} \  \text{Regarding:} \  \text{Person contacted:} \  \text{Date contacted:} \  \text{Date contacted:} \  \text{Contacted by:} \  \text{Contacted by:} \  \text{Person contacted:} \  \text{Date contacted:} \  \text{Date contacted:} \  \text{Date contacted:} \  \text{Contacted by:} \  \text{Contacted by:} \  \text{Person contacted:} \  \text{Date contacted:} \  Date contac	Custody seals intact on sample bottles?	Yes □			
Chain of custody agrees with sample labels?  Samples in proper container/bottle?  Sample containers intact?  Sufficient sample volume for indicated test?  All samples received within holding time?  Yes \( \text{No} \) \( \text{No} \) \( \text{Temp:} \) \( \text{Wet Ice Preser} \)  Temperature in compliance?  Where was the temperature reading taken at?  Water \( -\text{VOA vials have zero headspace?} \) Yes \( \text{No} \) \( \text{No} \) \( \text{No} \) \( \text{NA} \) \( \text{Water} \) \( -\text{PH} \) acceptable upon receipt?  Water \( -\text{PH} \) acceptable upon receipt?  Water \( -\text{Suffides present in Cyanide samples?} \) Yes \( \text{No} \) \( \text{No} \) \( \text{No} \) \( \text{NA} \) \( \text{Dissolved Water Analytes} \( -\text{Field Filtered?} \) Yes \( \text{No} \) \( \text{No} \) \( \text{No} \) \( \text{NA} \) \( \text{Contacted by:} \) \( \text{Comments:} \)  Person contacted: \( \text{Date contacted:} \) \( \text{Date contacted:} \) \( \text{Contacted by:} \) \( \text{Contacted by:} \)	Chain of custody signed when relinquished and received?	Yes □	No □		
Sample containers intact?  Sufficient sample volume for indicated test?  All samples received within holding time?  Yes \to No \to Temperature in compliance?  Wet Ice Present Where was the temperature reading taken at?  Water - VOA vials have zero headspace?  Water - pH acceptable upon receipt?  Water - Sulfides present in Cyanide samples?  Dissolved Water Analytes - Field Filtered?  Yes \to No \to N/A \to No \to N/A \to N/A \to No \to N/A \t	Chain of custody agrees with sample labels?	Yes □	No □	_	
Sufficient sample volume for indicated test? Yes \( \text{No} \) \\ All samples received within holding time? Yes \( \text{No} \) \\ Temperature in compliance? Yes \( \text{No} \) \\ Where was the temperature reading taken at? Sample \( \text{Temp Blank} \) \\ Water - VOA vials have zero headspace? Yes \( \text{No} \) \\ Water - pH acceptable upon receipt? Yes \( \text{No} \) \\ Water - Sulfides present in Cyanide samples? Yes \( \text{No} \) \\ Dissolved Water Analytes - Field Filtered? Yes \( \text{No} \) \\ No\( \text{No} \) \\ No\( \text{N/A} \) \\ Checked by: \( \text{Comments:} \)  Comments: \( \text{Comments:} \)  Person contacted: \( \text{Date contacted:} \) \( \text{Contacted by:} \) \( \text{Contacted by:} \)	Samples in proper container/bottle?	Yes □	No □		
All samples received within holding time?  Yes No No Temp: Wet Ice Preser  Where was the temperature reading taken at?  Water – VOA vials have zero headspace?  Water – pH acceptable upon receipt?  Water – Sulfides present in Cyanide samples?  Dissolved Water Analytes – Field Filtered?  Yes No No No N/A D  N/A D  N/A D  Checked by:	Sample containers intact?	Yes □	No □		
Temperature in compliance?  Yes No Temp: Wet Ice Present Where was the temperature reading taken at?  Sample Temp Blank Other:  Water – VOA vials have zero headspace?  Yes No No N/A  Water – pH acceptable upon receipt?  Water – Sulfides present in Cyanide samples?  Water – Sulfides present in Cyanide samples?  Dissolved Water Analytes – Field Filtered?  Yes No No N/A   No N/A   Checked by:	Sufficient sample volume for indicated test?	Yes 🗆	No □		
Where was the temperature reading taken at?  Water – VOA vials have zero headspace?  Water – pH acceptable upon receipt?  Water – Sulfides present in Cyanide samples?  Water – Sulfides present in Cyanide samples?  Water Analytes – Field Filtered?  Person contacted:  Date contacted:  Date contacted:  Contacted by:  Regarding:	All samples received within holding time?	·Yes □	No □		
Water – VOA vials have zero headspace?  Water – pH acceptable upon receipt?  Water – pH acceptable upon receipt?  Water – Sulfides present in Cyanide samples?  Water – Sulfides present in Cyanide samples?  Person vater – Field Filtered?  Person contacted:  Date contacted:  Contacted by:  Regarding:	Temperature in compliance?	Yes 🗆	No□	Temp:	Wet Ice Present □
Water – pH acceptable upon receipt?  Water – Sulfides present in Cyanide samples?  Dissolved Water Analytes – Field Filtered?  Yes □ No□ N/A□  N/A□  N/A□  N/A□  Checked by:  Yes □ No□ N/A□  N/A□  Checked by:  Yes □ No□ N/A□  Checked by:  Comments:  Comments:  Person contacted:  Date contacted:  Contacted by:  Regarding:	Where was the temperature reading taken at?	Sample □	Temp Blank □		
Water – Sulfides present in Cyanide samples?  Yes  No N/A  Dissolved Water Analytes – Field Filtered?  Yes  No N/A  Checked by:  Dissolved Water Analytes – Field Filtered?  Yes  No N/A  Checked by:  Yes  No N/A  Checked by:  Contacted by:  Regarding:	Water - VOA vials have zero headspace?	Yes 🗆	No □	N/A 🗆	
Water – Sulfides present in Cyanide samples?  Person contacted:  Date contacted:  Person contacted:  Date contacted:  Contacted by:	Water - pH acceptable upon receipt?	Yes □	No □	N/A □	Checked by:
Comments:  Person contacted:  Date contacted:  Regarding:	Water - Sulfides present in Cyanide samples?	Yes □	No□	N/A □	
Person contacted: Date contacted: Contacted by: Regarding:	Dissolved Water Analytes - Field Filtered?	Yes □	No□	N/A □	
Person contacted: Date contacted: Contacted by: Regarding:	Comments:				
Regarding:			Contacted	by:	
					7000 d



3725 E. Atlanta Ave., Ste 2 Phoenix, Arizona 85040 Phone: (602) 437-0330

Fax: (602) 437-0660 3860 S. Palo Verde Rd., Ste. 301 Tucson, Arizona 85714

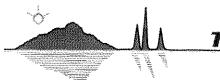
Phone: (520) 573-1061 Fax: (520) 573-1063

#### **Mobile Lab - Chain of Custody**

TGI Work Order No: 3080174

Date 3/4/08 Page i of 1

Project Manager:	Scott K	<b>い</b> か					Bijl t	O: .												
Client Name:	Bristol				~~~		Con	npany:				****								·
Address:	ill W. i	6+ h A1	ve, Sui	le 301			Add	ress:				*********		···-						***
City, State ZIP:	Anchor	ane A	k 99°	<u> </u>		·	City	State ZIF	D;		1	<del></del>			***************************************					
Phone:	(907) 56	3-0013		(907)	563	-6713	Pho	ne:								F	ax:			
P.O. No.:	48015	<u> </u>		<del></del>	T									Ana	lysis	Red	ques	ted		
Project Name:	Bond &	Bong					Dail	Time		3			ဂ္ဂ							
Project Number:	48015				No. C	Relinquished By:	Date Relinquished:	le Reli	Re	TRPH (418.1AZ)	BTEX (8021B)	Tou I	GCMS (8260B/624)	PAH,	CHO THE RCRA METALS	<b>ポ</b> ら 80 と	82			The state of the s
					Containers	lish	l ngu	ngui	Ceive	<b>a</b> L	X G	(80	260	EP/	A ME	O _N	Ser.			
Sample Identifica	-1-2' So.   8/11/08 1000 Of						shed	Relinquished:	Received By:	8.1AZ)	X (8021B)	507	B/624)	PAH, EPA 8310	TALS	•			Co	ntainer Type/ Remarks
3-1-2'	50.1	3/11/09	1000	01	Ĺ	ME	8/11/08	1015	MO						X	X	X			
B-1-5'			1010	05	2	1			ŀ		< >	<			$\times$	又	X		*************	1
B-1-GW			1022	03	2			1030			$\langle \rangle$			Sept.	*	×			MF	8/14 OKA
B-1-GW_	Wa te	v	1110	04	3			1115			$\times$ $>$			-	×	$\times$			1	H
6-2-5'	50:1		1110	o5	"2			1120		, , , , , , , , , , , , , , , , , , ,	<b>(</b> )				X	X	X			8/1
19-2-11			1115	06	12			Summer .			$\times$ .				X	X	X			
B-2-15	501	Subming	1105	70	2	***************************************		1215		7.	$\times \lambda$				<b>X</b>	又	$\overline{\mathbf{x}}$			****
B-2-GW	Water		1225	೦8	3			1230		1	< >			A COMPANY	$\mathbf{Z}$	Z				
3-3-6W B-3-11.5	Water		1240	90	3			1250		۰	××			4-200220	X	Z				***************************************
B-3-11.5	50,1		1230	10				1255					*		Ż		<b>-</b>		1	
3-4-12			1350	1 1	2			1425	†···		ヌゟ	<u> </u>			$\overline{\mathbf{x}}$	$\overleftarrow{\mathbf{X}}$	3			
B-4-GW	Water	.	1430	12	3			1440		<del></del>	$\overline{\langle}$			5-man	Z	$\sum$				
8-5-GW	V		1500	:3	3			1510			X X		-			Ż		4999		
13-5-12	Seil		1430	14	2			1520	1		Z X				<b>X</b>	$\supset$	×			
					1		<del> </del>		<b>-</b>				jî.		-		-			
Initials		Signature	***************************************			Pri	nted Name	<u></u>		Date:		- 2/11/ अस	05	Tota	I Con	tain	ers:		) مورود. گفت گفت	
MF	7.73						W5+		·	Start Ti	me:	080	_		eived				<u>_</u>	
MRO		A. HE	. al		. 1	cha.		960	7	Stop Ti		LON CON BOOM	·		ody S				1	
/m	-Xi alii	May	······································	Ly.	<u>.s</u> /.c	Nov	1. 8/15/	01	·	Hours:					perat				Aw	6
Minite near to TCL Velley	, , , , , , , , , , , , , , , , , , , ,	7						-aV	·····	Client S	Sign-off	:			Abs			sent		Vet / Blue



# TRANSWEST GEOCHEM

3725 E. Atlanta Ave., Ste 2 Phoenix, Arizona 85040 Phone: (602) 437-0330

Fax:

(602) 437-0330 (602) 437-0660 3860 S. Palo Verde Rd., Ste. 301 Tucson, Arizona 85714

Phone: (520) 573-1061 Fax: (520) 573-1063

#### **Mobile Lab - Chain of Custody**

TGI Work Order No: <u>08.080174</u>

Date <u>8/12/08</u> Page ___ of ___

Project Manager:	Scott Ru	th					Bil	l to:		150	amu		***************************************								
	Dristol	***************************************	***************************************	<del> </del>			Co	mpany:					*****	····			****				
		th Av	e Suite	301			Ad	ldress:		$\top$			<del></del>					****			
				1501			Cit	ty, State ZII	 ⊃;	+	***************************************		***************************************						····		~~~~
Phone:	907)56	3-6013	Fax:	(407)5	63-1	5713	Ph	one:	·····				····		******	- T	Fax:			****	
P.O. No.:	48015				T				T					Δ	nalve	eie F	3000	ested			
	Bond & B	Sola d			1		D.	Time		-	\$										
	48015	Der C.		****	<u>Z</u>	Relir	Date R		l _	7	Z	뒦		PAH,	1		72/2	i Č			
roject variber.	17017					nquis	elina	elinc	Rece	1 2		Ť-	100	, I		7	JA S	10			
Sample Identification	on Matrix	Date Sampled	Time Sampled	Lab ID	Containers:	Relinquished By:	Relinquished:	Relinquished:	Received By:	TRPH (418.1AZ)	чту <u>В</u> тех (8021В)	TPH - (8015AZ)	OCH1024)	EPA 8310	METALS		25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55 25.55	THE PROPERTY OF THE PROPERTY O	(	Container Remark	
13-6-12 13-7-12 13-8-6	So: 1	8/12/08	0910	15	2_	MF	8/126	80715	110		X	×				<>>					
3-7-12			0935	15	2_	, document	1	0950	j		$\times$	$\geq$				< >					
3-8-G;			1015	17	2			1020				×			×		$\bigcirc$				
B-6-6W	Water		1016	, 2	Š.			1025			X,	X		9.75**	-><				MI	E_3/	( شو
B-7-GW	Soil		1020	19	1		N/Carley Co.	1035				<b>/</b>							l		
B-7-GW	Water		1130	20	3		e de la companya de l	1140		,	X	X		وسيني ا	$\overline{X}$						
B-8-6W B-9-9-			1230	7	3		CC CO	1235	, , , , , , , , , , , , , , , , , , ,		X	~		-	->	N.		<b>A</b>			
13-9-7'	5011		1215	2 2	٦			1235			X	~			5		孓	7			
B-9-6W	Welter		1414	23	3			1420				X	<del>                                     </del>		>	X	$\Rightarrow$	4	.		
13-10-7'	50:1		1425	24	1_			1435	1			~	<del>                                     </del>		15	呇	Ž	<u></u>	11		
3-10-GW	Waster		1450	25	3			1500		1	X	~	<b></b>		\$	杏	**	4	T	,	
		,																			
		ļ			<u> </u>																
		<u> </u>					<u> </u>	<u> </u>													
Initials	Signature									Date:		**	es link	E TO	tal C	onts	inarc			27	
MF	11.11				M	att F			Date: 5/1269 Total Containers: 27 Start Time: 0800 Received Intact: 9												
MRO	Mun	IR O	Irl		يمدار	cha	-1 K	dia	7	Stop T			2000		stod	***************************************				Ź	
11/2	Leslie	W.024	<del>/</del>	Le	15/ve	Mav		5/00	1	Hours		•		<del></del>	mpe					Tim b	
		7	***************************************					7 2 2		Client		off:	<b></b>					resent	<del></del>	Wet / B	lue
White copy to TGI, Yellow copy fo	or final report, Pink copy	to field sampler	<del></del>							12.10,10	9-1		L		-1-"					**O(/ D)	



3725 E. Atlanta Ave., Ste 2 Phoenix, Arizona 85040 Phone: (602) 437-0330 Fax: (602) 437-0660

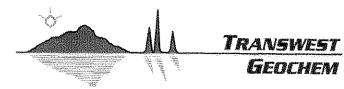
tte 2 3860 S. Palo Verde Rd., Ste. 301
Tucson, Arizona 85714
Phone: (520) 573-1061
Fax: (520) 573-1063

#### **Mobile Lab - Chain of Custody**

TGI Work Order No: 08080174

Date 9/13/08 Page 1 of 1

· · · · · · · · · · · · · · · · · · ·																					
Project Manager:								Bill t	to:		T ***					***************************************	****				
Client Name: S	1,5to/							Con	npany:												-
Address:	<u> </u>			***************************************		*		Add	ress:			******		****							
City, State ZIP:								City	State ZIF	):											
Phone:			Fax:					Pho	ne:								F	ax:			
P.O. No.:		····					T				T				Aı	nalvs	s Re	quest	ed		
Project Name:	······································	<del></del>		***************************************	1	70		Date	=	***				9						<del>~</del>	
Project Number:					No. o	Relinq		स स	le Rel	æ	TRPF		TPH	l com	PAH,			N. Silver			
Sample Identification	Matrix	Date Sampled	Time Sampled	Lab ID	Containers:	Relinquished By:		Relinguished:	Time Relinquished:	Received By:	TRPH (418.1AZ)		TPH - (8015AZ)	GCM3 (0200D/024)	EPA 8310	A METALS	8270C		V.150may.444.00.000		ainer Type/ lemarks
3-11-91	501	8/13/03	7/85	26	1	MF	23/1	3/0:			<u> </u>	X	×			×	$\times$	X			
8-11-6W	Water	l l'	1010	27	3	-			1030				<b>イ</b>			$-\lambda$	9			-ME	8/14
B-12-7	50:1   Water		1300	28	12	<del>                                     </del>	-	<u> </u>	1040	·			$\times \downarrow$		_		<b></b>			_ <del> </del> _	
5-12-GW	Soil		1025	29 30	3_		-	1	1305		1 7		2		C)mi		-	9.00	MINISTRA PARTIE	7	
3-12-21 B-13-7	30.1		1540	31	12	- III	_	<del> </del>	1550		-		×			$+ \bigcirc$		关			
B-13-6-W	Water		1615	32	3				1640	V			<b>X</b>		N/A	-				tai	2 9/13/09
		<u> </u>					-		<u> </u>		-						ļ	1			
		:					-				+	-						╂			
				···········							++	$\dashv$					<u> </u>	1-1	_		
																		1 1			***************************************
					ļ																
					<del> </del>		<u> </u>										<u> </u>				
	<u> </u>		<u> </u>				<u> </u>		<u></u>								<u></u>				
Initials		Signature				Prij		Name	€		Date:		- 2	113/0	7 To	tal Co	ntain	iers:		76	
ME	Mad	JUID.	<b>C</b> ,/		<u></u>	att, E	كالملك	<u>+</u>		_/	Start T	ime:		0800		ceive				Y	
MRO 1	TNUM.	<u> </u>	Wild	<del> </del>	· · · · · · · ·	cha		Q :	ب وال	/	Stop T	me:				ıstody				N	
$-/m$ $\times$	edle '	may_			25/5-0	· Ma	<u>Y</u>	9//	5/08		Hours:					mper		~~~~~~~		Ambo	
<u> </u>		<u> </u>							·····		Client :	Sign-o	ff:		lce	: Ab	sent.	/ Prese	∍nt	W€	et / Blue



3725 E. Atlanta Ave., Ste 2 Phoenix, Arizona 85040 Phone: (602) 437-0330 Fax: (602) 437-0660

3860 S. Palo Verde Rd., Ste. 301 Tucson, Arizona 85714

Phone: (520) 573-1061 Fax: (520) 573-1063

# **Mobile Lab - Chain of Custody**

 TGI Work Order No: ○808017 ✓

 Date 8/14/08
 Page 1 of 1

Project Manager:									Ві	ill to:			T							****					
Client Name:	Br	10101		*** · · · · · · · · · · · · · · · · · ·	****	<del></del>			C	ompar	ny:								<del></del>			***************************************			-
Address:				···			***************************************		A	ddress	:														
City, State ZIP:	********						~		Ci	ity, Sta	ite ZIF	):	+	*****	·	<del></del> .									
Phone:				Fax:						hone:		····			····					F	ax:	***************************************			
P.O. No.:		<del></del>				T												Ana	alvsi	Rec	ques	sted			
Project Name:		***************************************		·····				7	Date	***************************************	급		-	5-4	T		SC.						Ĭ.		
Project Number:			****			No. C	Selinqu		te Reli	agregos de citado de de decembro	e Reli	20	TRPH	128 128	TPH-		CMS (8	PAH,	BCH A		18. Z				
Sample Identificat	ion	Matrix	Date Sampled	Time Sampled	Lab ID	Containers:	Kelinquisned By:		Relinquished:		Time Relinguished:	Received By:	TRPH (418.1AZ)	BTEX (8021B)	- (8015AZ)	***************************************	GCMS (8260B/624)	EPA 8310	A METALS	6.	180%X			ntainer Type/ Remarks	
73-14-71		50:1	8/14/08	0945	33		MI	<del>**</del>	8/14/0	5 O	350	A10		×	X	•			×	×	X				
3-15-2				0965	34				1 1	10	00	4		~					*	×	X				
3-15-8		<i>V</i>		0915	35	2								$\geq$	$\geq$				$\times$	×	X	<u></u>			
3-14-GW		Water		1000	36	3					OS	-		×	>										
B-15-GW		Water		1020	37	3				10	25			X	X						<u> </u>				
B-16-12		50:		1420	<u>≥8</u>	2				/ <	4 <b>3</b> 5	<u> </u>		X	X	1			X	X	X				
B-16-GW		Water		1430	39	3					L			$\geq$	$\leq$						F		ļ		
3-17-21		Sọil		1500	40	2			1	10	510			$\geq$					$\times$	X	X				
13-17-51 13-17-12 13-17-GW		<u> </u>	<u> </u>	1507	41	2								$\geq$	$\sim$				X	> <	X				
3-(7-12)				1525	42_	2		.,	]		30			X	$\geq$				X	X	~			***************************************	
15-17-GW		Water	V	1530	43	3		, 	- Inne	15	540	V	<u> </u>	×	1										
						<b>-</b>	<u> </u>		<u> </u>		**		<u> </u>		<u> </u>						<u> </u>	ļ!			
						<u> </u>	<u> </u>		<del> </del>				<del> </del>	ļ	<u> </u>						ļ	ļ!			
						<del> </del> -											***				ļ				
				<u> </u>		<u> </u>			<u> </u>		1		<u> </u>	<u>L</u>		<u> </u>		<u> </u>	L		<u></u>		<u></u>		
Initials			Signature	····		A 1/4			ited Nar	me_			Date	<u> </u>		8/14	08	Tota	al Cor	ntain	ers:		2	4	
ME							"E	<u>ur</u>	5t		, 4	<del>,</del>	Start	Time:		090	$\mathcal{Q}$	Rec	eivec	l Inta	.ct:		¥		
74150	1 de 1	mely ROH Mi					ieb	LQ.	<u>e/12</u>	<u>"                                    </u>	ne/		+	Time:		<u></u>		Cus	tody	Seal	s:		N		
/m	<u>Xl</u> x	UN TR	04			<u>۱۵/۲۷</u>	_ M	ay	8//	5/08	·		Hour			<b> </b>			pera				Anto		
White constants to the Velley and	. f C 1	. 5											Clien	t Sign	-off:			Ice:	Abs	ent /	Pres	sent	W	/et / Blue	

September 30, 2008

Scott Ruth Bristol Environmental & Engineering 111 W. 16th Ave., Ste 301 Anchorage, AK 99501-1116

RE: BOND & BOND/3917783

Work Order No.: 08090068

Dear Scott,

Columbia Analytical Services, Inc. received 10 samples on 9/04/08. The results of the analyses are presented in the following report.

The Case Narrative of this report addresses any Quality Control and/or Quality Assurance issues associated with this Work Order.

If you have any questions regarding these test results, please feel free to call us at (602) 437-0330.

Sincerely,

Marcia A. Smith

Project Manager

ADHS License No. AZ0133/AZ0667/AZM133



Client: Bristol Environmental & Engineering

Work Order: 08090068

Project Name: BOND & BOND

Project Number: 3917783

Samples were received intact and within proper temperature criteria.

Results are reported on a wet weight basis unless dry-correction is denoted in the units field on the analytical report ("mg/kg-dry").

Date Printed: 30-Sep-08

Case Narrative

All method blanks, laboratory spikes, and/or matrix spikes met quality control objectives for the parameters associated with this Work Order except as detailed below or on the Data Qualifier page of this report. Data Qualifiers used in this report are in accordance with ADEQ Arizona Data Qualifiers, Revision 3.0 9/20/2007.

Data qualifiers ("flags") contained within this analytical report have been issued to explain a quality control deficiency, and do not affect the quality (validity) of the data unless noted otherwise in the case narrative.

Analytical Comments for Method 8015B, MB, LCS/LCSD, and Samples 08090068-01 through -09, Batch 1459: N1: The surrogate recovery on the CCV was outside acceptance criteria; however, all analyte recoveries were within acceptance criteria.

Analytical Comments for Method SW8260B, MS/MSD, Batch R080908A: N1: The recovery for Trichlorofluoromethane was above acceptance criteria in the LCSD, MS and MSD. The recovery was within acceptable ranges for the CCV and LCS. The analyte was not detected in any of the associated samples. Since the apparent problem equates to a potential high bias, the data quality is not affected. No further corrective action was required.



License No. AZM133/AZ0133

CLIENT:

Project Name:

Bristol Environmental & Engineering

BOND & BOND

Project Number: 3917783 Work Order: 08090068 Date Received: 04-Sep-08 Case Narrative
Data Qualifiers

One or more of the following data qualifiers may be associated with your analytical and/or quality control data.

D1 Sample required dilution due to matrix.

D2 Sample required dilution due to high concentration of target analyte.

H4 Sample was extracted past required extraction holding time, but analyzed within analysis holding time.

L1 The associated blank spike recovery was above laboratory acceptance limits.

M1 Matrix spike recovery was high, the associated blank spike recovery was acceptable.

NI See case narrative.

Q9 Insufficient sample received to meet method QC requirements.

R5 MS/MSD RPD exceeded the laboratory acceptance limit. Recovery met acceptance criteria.

S8 The analysis of the sample required a dilution such that the surrogate recovery calculation does not provide

any useful information. The associated blank spike recovery was acceptable.

T5 Laboratory not licensed for this parameter.

V1 CCV recovery was above method acceptance limits. This target analyte was not detected in the sample.



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Project Name:

BOND & BOND

Project Number: 3917783 Work Order:

08090068

### Work Order Sample Summary

Client Sample ID	Lab Sample ID	Test Code	<b>Collection Date</b>	Date Received
MW-8	08090068-01A	SW8015MOD	9/02/08 01:37 PM	9/04/08 09:45 AM
	08090068-01B	SW8260B	9/02/08 01:37 PM	9/04/08 09:45 AM
	08090068-01C	SW8270C	9/02/08 01:37 PM	9/04/08 09:45 AM
	08090068-01D	EPA8011	9/02/08 01:37 PM	9/04/08 09:45 AM
	08090068-01E	SW6010B	9/02/08 01:37 PM	9/04/08 09:45 AM
	08090068-01F	8015B	9/02/08 01:37 PM	9/04/08 09:45 AM
MW-9	08090068-02A	SW8015MOD	9/02/08 02:10 PM	9/04/08 09:45 AM
	08090068-02B	SW8260B	9/02/08 02:10 PM	9/04/08 09:45 AM
	08090068-02C	SW8270C	9/02/08 02:10 PM	9/04/08 09:45 AM
	08090068-02D	EPA8011	9/02/08 02:10 PM	9/04/08 09:45 AM
	08090068-02E	SW6010B	9/02/08 02:10 PM	9/04/08 09:45 AM
		SW7470A	9/02/08 02:10 PM	9/04/08 09:45 AM
	08090068-02F	8015B	9/02/08 02:10 PM	9/04/08 09:45 AM
	08090068-02G	SW8082	9/02/08 02:10 PM	9/04/08 09:45 AM
MW-10	08090068-03A	SW8015MOD	9/02/08 06:02 PM	9/04/08 09:45 AM
	08090068-03B	SW8260B	9/02/08 06:02 PM	9/04/08 09:45 AM
	08090068-03C	SW8270C	9/02/08 06:02 PM	9/04/08 09:45 AM
	08090068-03D	EPA8011	9/02/08 06:02 PM	9/04/08 09:45 AM
	08090068-03E	SW6010B	9/02/08 06:02 PM	9/04/08 09:45 AM
	08090068-03F	8015B	9/02/08 06:02 PM	9/04/08 09:45 AM
MW-11	08090068-04A	SW8015MOD	9/02/08 04:59 PM	9/04/08 09:45 AM
	08090068-04B	SW8260B	9/02/08 04:59 PM	9/04/08 09:45 AM
	08090068-04C	SW8270C	9/02/08 04:59 PM	9/04/08 09:45 AM
	08090068-04D	EPA8011	9/02/08 04:59 PM	9/04/08 09:45 AM
	08090068-04E	SW6010B	9/02/08 04:59 PM	9/04/08 09:45 AM
	08090068-04F	8015B	9/02/08 04:59 PM	9/04/08 09:45 AM
MW-12	08090068-05A	SW8015MOD	9/02/08 06:29 PM	9/04/08 09:45 AM
	08090068-05B	SW8260B	9/02/08 06:29 PM	9/04/08 09:45 AM
	08090068-05C	SW8270C	9/02/08 06:29 PM	9/04/08 09:45 AM
	08090068-05D	EPA8011	9/02/08 06:29 PM	9/04/08 09:45 AM
	08090068-05E	SW6010B	9/02/08 06:29 PM	9/04/08 09:45 AM
	08090068-05F	8015B	9/02/08 06:29 PM	9/04/08 09:45 AM
MW-13	08090068-06A	SW8015MOD	9/02/08 05:37 PM	9/04/08 09:45 AM
	08090068-06B	SW8260B	9/02/08 05:37 PM	9/04/08 09:45 AM
				•

CLIENT:

Bristol Environmental & Engineering

Project Name:

BOND & BOND

Project Number: 3917783 Work Order:

08090068

# Work Order Sample Summary

Client Sample ID	Lab Sample ID	Test Code	Collection Date	Date Received
MW-13	08090068-06C	SW8270C	9/02/08 05:37 PM	9/04/08 09:45 AM
	08090068-06D	EPA8011	9/02/08 05:37 PM	9/04/08 09:45 AM
	08090068-06E	SW6010B	9/02/08 05:37 PM	9/04/08 09:45 AM
	08090068-06F	8015B	9/02/08 05:37 PM	9/04/08 09:45 AM
MW-14	08090068-07A	SW8015MOD	9/02/08 03:34 PM	9/04/08 09:45 AM
	08090068-07B	SW8260B	9/02/08 03:34 PM	9/04/08 09:45 AM
	08090068-07C	SW8270C	9/02/08 03:34 PM	9/04/08 09:45 AM
	08090068-07D	EPA8011	9/02/08 03:34 PM	9/04/08 09:45 AM
	08090068-07E	SW6010B	9/02/08 03:34 PM	9/04/08 09:45 AM
	08090068-07F	8015B	9/02/08 03:34 PM	9/04/08 09:45 AM
MW-15	08090068-08A	SW8015MOD	9/02/08 03:58 PM	9/04/08 09:45 AM
	08090068-08B	SW8260B	9/02/08 03:58 PM	9/04/08 09:45 AM
	08090068-08C	SW8270C	9/02/08 03:58 PM	9/04/08 09:45 AM
	08090068-08D	EPA8011	9/02/08 03:58 PM	9/04/08 09:45 AM
	08090068-08E	SW6010B	9/02/08 03:58 PM	9/04/08 09:45 AM
	08090068-08F	8015B	9/02/08 03:58 PM	9/04/08 09:45 AM
MW-16	08090068-09A	SW8015MOD	9/02/08 04:28 PM	9/04/08 09:45 AM
	08090068-09B	SW8260B	9/02/08 04:28 PM	9/04/08 09:45 AM
	08090068-09C	SW8270C	9/02/08 04:28 PM	9/04/08 09:45 AM
	08090068-09D	EPA8011	9/02/08 04:28 PM	9/04/08 09:45 AM
	08090068-09F	8015B	9/02/08 04:28 PM	9/04/08 09:45 AM
	08090068-09G	SW6010B	9/02/08 04:28 PM	9/04/08 09:45 AM
TB	08090068-10A	SW8260B	9/02/08 01:37 PM	9/04/08 09:45 AM
	08090068-10B	EPA8011	9/02/08 01:37 PM	9/04/08 09:45 AM



References

License No.

AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Project Name:

BOND & BOND

Project Number:

3917783

Work Order:

08090068

Date Received:

04-Sep-08

Columbia Analytical Services, Inc. uses the methods outlined in the following references:

Code of Federal Regulations, 40CFR, Part 136, Appendix A, July 2005.

Standard Methods for the Examination of Water and Wastewater, 20th Edition, 1998.

Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, Revised March 1983.

Methods for the Determination of Inorganic Substances in Environmental Samples, EPA/600/R-93/100, Revised August

Methods for the Determination of Metals in Environmental Samples, Supplement 1: EPA/600/R-94/111, Revised May

Methods for the Determination of Organic Compounds in Drinking Water, EPA/600/4-88/039, Revised July, 1991; EPA-600/4-90/020, Supplement I, July 1990; EPA-600/R-92/129; Supplement II, August 1992; EPA-600/R-95/131, Supplement III, August 1995.

Hach, Water Analysis Handbook, 3rd Edition, 1997.

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition, 1986 including Update I, July 1992; Update IIA, August 1993; Update II; September 1994; Update IIB, January 1995; Update III, December 1996. Update IIIA, June 1999; and Update IIIB July 2005.

Bureau of Laboratory Services, State of Arizona Department of Health Services Method 8015AZ.R1, September 1998. (Comment: C6-C10 GRO reported by this method is not to be used in compliance situations)

ASTM MethodD4982, Annual Book of ASTM Standards, Volumes 11.01 and 11.02, 1995

The Determination of Polychlorinated Biphenyls in Transformer Fluid and Waste Oils, EPA-600 4-81-045, September 1982.

EPA Method 9013A, Cyanide Extraction Procedure for Solids and Oils. (Rev, 1 November 2004)

EPA Method 5035A, Closed-System Purge-and-Trap and Extraction for Volatile Organics in Soil and Waste Samples (draft rev. 1 July 2002)

EPA Method 5030C, Purge-and-Trap for Aqueous Samples (rev.3 May 2003)

Office of Ground Water and Drinking Water Technical Support Center, EPA 815-R-05-004, Manual for Certification of Drinking Water, (5th Edition January 2005)



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08090068

Lab ID: 080

08090068-01

Project Name:

BOND & BOND

Project Number: 3917783

Client Sample ID: MW-8

Collection Date: 9/2/2008 1:37:00 PM

Analyte	Resuit	PQ	L Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Batch ID
		F	REP METHOD:	SW3510C					Test Perfo	rmed By: AZ0133
C13-C22 DRO	19000	1200	T5,H4,D2	µg/L	12	8015B	9/18/08	9/23/08 15:25	LB	1459
C23-C32 ORO	<1200	1200	T5,H4,D1	µg/L	12	8015B	9/18/08	9/23/08 15:25	LB	1459
o-Terphenyl(Surrogate)	81	35-141	H4, N1	%REC	12	8015B	9/18/08	9/23/08 15:25	LB	1459
	AVIVA	F	REP METHOD:	SW3010A			1100000		Test Perfo	rmed By: AZ0133
Lead, Dissolved	<0.010	0.010		mg/L	1.0	SW6010B	9/10/08	9/19/08 18:53	MDD	1386
		F	REP METHOD:	SW3510C		······································		,	Test Perfor	rmed By: AZ0133
Acenaphthene	<200	200	D1	µg/L	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
Acenaphthylene	<200	200	D1	µg/L	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
Anthracene	<200	200	D1	µg/L	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
Azobenzene	<200	200	D1	μg/L	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
Benz[a]anthracene	<200	200	D1	µg/L	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
Benzo[a]pyrene	<200	200	D1	μg/L	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
Benzo[b]fluoranthene	<200	200	D1	µg/L	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
Benzo[g,h,i]perylene	<200	200	Ð1	μg/L	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
Benzo[k]fluoranthene	<200	200	D1	μg/L	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
Benzoic acid	<1000	1000	D1	μg/L	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
Benzyl alcohol	<200	200	D1	µg/L	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
Bis(2-chloroethoxy)methane	<200	200	D1	μg/L	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
Bis(2-chloroethyl)ether	<200	200	D1	µg/L	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
Bis(2-chloroisopropyl)ether	<200	200	D1	μg/L	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
Bis(2-ethylhexyl)phthalate	<200	200	D1	µg/L	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
4-Bromophenyl phenyl ether	<200	200	D1	µg/L	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
Butyl benzyl phthalate	<200	200	D1	µg/L	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
4-Chloro-3-methylphenol	<200	200	D1	µg/L	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
4-Chloroaniline	<200	200	D1	µg/L	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
2-Chloronaphthalene	<200	200	D1	µg/L	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
2-Chlorophenal	<200	200	D1	µg/L	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
4-Chlorophenyl phenyl ether	<200	200	D1	µg/L	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
Chrysene	<200	200	D1	µg/L	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
Di-n-butyl phthalate	<200	200	D1	µg/L	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
Di-n-octyl phthalate	<200	200	D1	µg/L	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
Dibenz[a,h]anthracene	<200	200	D1	µg/L	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
Dibenzofuran	<200	200	D1	µg/L	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
1,2-Dichlorobenzene	<200	200	D1	µg/L	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
1,3-Dichlorobenzene	<200	200	D1	µg/L	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
1,4-Dichlorobenzene	<200	200	D1	µg/L	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
3,3'-Dichlorobenzidine	<200	200	D1,L1	µg/L	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
2,4-Dichlorophenol	<200	200	D1	µg/L	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
Diethyl phthalate	<200	200	D1	µg/L	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08090068

Lab ID:

08090068-01

Project Name:

BOND & BOND

Project Number: 3917783

Client Sample ID: MW-8

Collection Date: 9/2/2008 1:37:00 PM

						Test	Date	Date		
Analyte	Result	PQI	_ Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Dimethyl phthalate	<200	200	D1	µg/L	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
2,4-Dimethylphenol	<200	200	D1	µg/L	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
4,6-Dinitro-2-methylphenol	<200	200	D1	μg/L	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
2,4-Dinitrophenol	<400	400	D1	µg/L	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
2,4-Dinitrotoluene	<200	200	D1	µg/L ⋅	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
2,6-Dinitrotoluene	<200	200	D1	µg/L	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
Fluoranthene	<200	200	D1	μg/L	20	SW8270C	9/9/08	9/22/08 18:32	JН	1368
Fluorene	<200	200	D1	μg/L	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
Hexachlorobenzene	<200	200	D1	µg/L	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
Hexachlorobutadiene	<200	200	D1	μg/L	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
Hexachlorocyclopentadiene	<200	200	D1	µg/L	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
Hexachloroethane	<200	200	D1	μg/L	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
Indeno[1,2,3-cd]pyrene	<200	200	D1	µg/L	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
Isophorone	<200	200	D1	µg/L	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
2-Methylnaphthalene	<200	200	D1	µg/∟	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
2-Methylphenol	<200	200	D1	µg/L	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
4-Methylphenol	<200	200	D1	µg/L	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
N-Nitrosodi-n-propylamine	<200	200	D1	μg/L	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
N-Nitrosodiphenylamine	<200	200	D1	µg/L	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
Naphthalene	<200	200	D1	μg/L	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
Nitrobenzene	<200	200	D1	μg/L	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
2-Nitrophenol	<200	200	D1	µg/L	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
4-Nitrophenol	<200	200	D1	μg/L	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
Pentachlorophenol	<200	200	D1	μg/L	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
Phenanthrene	<200	200	D1	μg/L	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
Phenol	<200	200	D1	µg/L	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
Pyrene	<200	200	D1,L1	µg/L	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
1,2,4-Trichlorobenzene	<200	200	D1	μg/L	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
2,4,6-Trichlorophenol	<200	200	D1	µg/L	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
2-Chlorophenol-d4(Surrogate)	0	21-123	S8	%REC	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
1,2-Dichlorobenzene-d4(Surrogate)	0	27-126	S8	%REC	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
2-Fluorobiphenyl(Surrogate)	0	29-131	S8	%REC	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
2-Fluorophenol(Surrogate)	0	17-78	S8	%REC	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
Nitrobenzene-d5(Surrogate)	0	26-131	\$8	%REC	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
Phenol-d6(Surrogate)	0	17-53	\$8	%REC	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
4-Terphenyl-d14(Surrogate)	0	13-124	S8	%REC	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
2,4,6-Tribromophenol(Surrogate)	0	30-140	\$8	%REC	20	SW8270C	9/9/08	9/22/08 18:32	JH	1368
		PR	EP METHOD	): SW5030B					Test Perfor	med By: AZ0133
Acetone	<20	20		µg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
Benzene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
Bromobenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
Bromochloromethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08090068

Lab ID:

08090068-01

**Project Name:** 

BOND & BOND

Project Number: 3917783

Client Sample ID: MW-8

Collection Date: 9/2/2008 1:37:00 PM

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Bromodichloromethane	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
Bromoform	<1.0	1.0		μg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
Bromomethane	<5.0	5.0		µg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
2-Butanone	<5.0	5.0		µg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
n-Butylbenzene	<2.5	2.5		μg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
sec-Butylbenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
tert-Butylbenzene	<2.5	2.5		µg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
Carbon disulfide	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
Carbon tetrachloride	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
Chlorobenzene	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
Dibromochloromethane	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
Chloroethane	<5.0	5.0		μg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
Chloroform	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
Chloromethane	<5.0	5.0		µg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
2-Chlorotoluene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
4-Chlorotoluene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
1,2-Dibromo-3-chloropropane	<2.0	2.0		μg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
1,2-Dibromoethane	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
Dibromomethane	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
1,2-Dichlorobenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
1,3-Dichlorobenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
1,4-Dichlorobenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
Dichlorodifluoromethane	<2.0	2.0		μg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
1,1-Dichloroethane	<1.0	1.0		µg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
1,2-Dichloroethane	<1.0	1.0	V1	µg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
1,1-Dichloroethene	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
cis-1,2-Dichloroethene	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
trans-1,2-Dichloroethene	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
1,2-Dichloropropane	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
1,3-Dichloropropane	<1.0	1.0		μg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
2,2-Dichloropropane	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
1,1-Dichloropropene	<1.0	1.0		μg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
cis-1,3-Dichloropropene	<1.0	1.0		µg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
trans-1,3-Dichloropropene	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
Ethylbenzene	<2.0	2.0		μg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
Hexachlorobutadiene	<5.0	5.0		µg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
2-Hexanone	<5.0	5.0		μg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
lodomethane	<2.0	2.0		µg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
Isopropylbenzene	<2.5	2.5		μg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
4-Isopropyltoluene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
Methylene chloride	<3.0	3.0		µg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
4-Methyi-2-pentanone	<5.0	5.0		µg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
Methyl tert-butyl ether	<2.0	2.0		ha\r	1.0	SW8260B	N/A	9/8/08 15:53		
· ,	-2.0	£.10		hair	1.0	J110200D	LINITA	910/00 19,00	EFM	R080908A



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08090068

Lab ID:

08090068-01

Project Name:

BOND & BOND

Project Number: 3917783

Client Sample ID: MW-8

Collection Date: 9/2/2008 1:37:00 PM

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Naphthalene	<5.0	5.0		µg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
n-Propylbenzene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
Styrene	<1.0	1.0		μg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
1,1,1,2-Tetrachloroethane	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
1,1,2,2-Tetrachloroethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
Tetrachloroethene	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
Toluene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
1,2,3-Trichlorobenzene	<5.0	5.0		µg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
1,2,4-Trichlorobenzene	<5.0	5.0		μg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
1,1,1-Trichloroethane	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
1,1,2-Trichloroethane	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
Trichloroethene	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
Trichlorofluoromethane	<2.0	2.0	L1	µg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
1,2,3-Trichloropropane	<1.0	1.0		µg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
1,2,4-Trimethylbenzene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
1,3,5-Trimethylbenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
Vinyl acetate	<5.0	5.0		µg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
Vinyl chloride	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
Xylenes, Total	<3.0	3.0		µg/L	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
4-Bromofluorobenzene(Surrogate)	96	64-123		%REC	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
Dibromofluoromethane(Surrogate)	105	59-123		%REC	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
1,2-Dichloroethane-d4(Surrogate)	112	57-125		%REC	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A
Toluene-d8(Surrogate)	101	66-124		%REC	1.0	SW8260B	N/A	9/8/08 15:53	EFM	R080908A



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08090068

Lab ID:

08090068-02

Project Name:

BOND & BOND

Project Number: 3917783

Client Sample ID: MW-9

Collection Date: 9/2/2008 2:10:00 PM

Analyte	Result	PQ	L Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Batch ID
		ř	REP METHOD:	SW3510C			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Test Perfo	rmed By: AZ0133
C13-C22 DRO	850	120	T5,H4,D2	µg/L	1.2	8015B	9/18/08	9/23/08 14:41	LB	1459
C23-C32 ORO	<120	120	T5,H4,D1	μg/L	1.2	8015B	9/18/08	9/23/08 14:41	LB	1459
o-Terphenyl(Surrogate)	63	35-141	H4, N1	%REC	1.2	8015B	9/18/08	9/23/08 14:41	LB	1459
		F	REP METHOD:	SW3010A	~~~		70		Test Perfo	rmed By: AZ0133
Arsenic, Dissolved	<0.010	0.010		mg/L	1.0	SW6010B	9/10/08	9/19/08 18:57	MDD	1386
Barium, Dissolved	0.082	0.010		mg/L	1.0	SW6010B	9/10/08	9/19/08 18:57	MDD	1386
Cadmium, Dissolved	< 0.0030	0.0030		mg/L	1.0	SW6010B	9/10/08	9/19/08 18:57	MDD	1386
Chromium, Dissolved	<0.010	0.010		mg/L	1.0	SW6010B	9/10/08	9/19/08 18:57	MDD	1386
Lead, Dissolved	<0.010	0.010		mg/L	1.0	SW6010B	9/10/08	9/19/08 18:57	MDD	1386
Selenium, Dissolved	<0.010	0.010		mg/L	1.0	SW6010B	9/10/08	9/19/08 18:57	MDD	1386
Silver, Dissolved	<0.0050	0.0050		mg/L	1.0	SW6010B	9/10/08	9/19/08 18:57	MDD	1386
		Р	REP METHOD:	SW7470A			,		Test Perfor	rmed By: AZ0133
Mercury, Dissolved	<0.0002	0.0002		mg/L	1.0	SW7470A	9/10/08	9/10/08 13:59	BJL	1385
	A//A	P	REP METHOD:	SW3510C			/!///	100001	Test Perfor	med By: AZ0133
Acenaphthene	<50	50	D1	µg/L	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368
Acenaphthylene	<50	50	D1	µg/L	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368
Anthracene	<50	50	D1	μg/L	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368
Azobenzene	<50	50	D1	μg/L	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368
Benz[a]anthracene	<50	50	D1	μg/L	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368
Benzo[a]pyrene	<50	50	D1	μg/L	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368
Benzo[b]fluoranthene	<50	50	D1	μg/L	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368
Benzo[g,h,i]perylene	<50	50	D1	μg/L	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368
Benzo[k]fluoranthene	<50	50	D1	µg/L	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368
Benzoic acid	<250	250	D1	μg/L	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368
Benzyl alcohol	<50	50	D1	μg/L	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368
Bis(2-chloroethoxy)methane	<50	50	D1	μg/L	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368
Bis(2-chloroethyl)ether	<50	50	D1	μg/L	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368
Bis(2-chloroisopropyl)ether	<50	50	D1	μg/L	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368
Bis(2-ethylhexyl)phthalate	<50	50	D1	µg/L	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368
4-Bromophenyl phenyl ether	<50	50	D1	μg/L	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368
Butyl benzyl phthalate	<50	50	D1	µg/L ·	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368
4-Chloro-3-methylphenol	<50	50	D1	µg/L	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368
4-Chloroaniline	<50	50	D1	µg/L	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368
2-Chloronaphthalene	<50	50	D1	μg/L	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368
2-Chlorophenol	<50	50	D1	µg/L	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368
4-Chlorophenyl phenyl ether	<50	50	D1	µg/L	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368
Chrysene	<50	50	D1	µg/L	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368



License No. AZM133/AZ0133

CLIENT:
Work Order:

Bristol Environmental & Engineering

08090068

Lab ID:

08090068-02

Project Name:

BOND & BOND

Project Number: 3917783

Client Sample ID: MW-9

such sample as 14111 5

Collection Date: 9/2/2008 2:10:00 PM

Analysis	D a gay le	mor	Δ1	Y Y *4 .	חמ	Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Di-n-butyl phthalate	<50		D1	µg/L	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368
Di-n-octyl phthalate	<50	50	D1	µg/L	5.0	SW8270C	9/9/08	9/18/08 22:25	JН	1368
Dibenz[a,h]anthracene	<50	50	D1	µg/L	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368
Dibenzofuran	<50	50	D1	µg/L	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368
1,2-Dichlorobenzene	<50	50	D1	µg/L	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368
1,3-Dichlorobenzene	<50	50	D1	μg/L	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368
1,4-Dichlorobenzene	<50	50	D1	µg/L	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368
3,3'-Díchlorobenzidine	<50	50	D1,L1	µg/L	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368
2,4-Dichlorophenol	<50	50	D1	µg/L	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368
Diethyl phthalate	<50	50	D1	μg/L	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368
Dimethyl phthalate	<50	50	D1	µg/L	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368
2,4-Dimethylphenol	<50	50	D1	µg/L	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368
4,6-Dinitro-2-methylphenol	<50	50	D1	µg/L	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368
2,4-Dinitrophenol	<100	100	D1	μg/L	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368
2,4-Dinitrotoluene	<50	50	D1	μg/L	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368
2,6-Dinitrotoluene	<50	50	D1	µg/L	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368
Fluoranthene	<50	50	D1	µg/L	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368
Fluorene	<50	50	D1	μg/L	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368
Hexachlorobenzene	<50	50	D1	μg/L	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368
Hexachlorobutadiene	<50	50	D1	μg/L	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368
Hexachlorocyclopentadiene	<50	50	D1	µg/L	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368
Hexachloroethane	<50	50	D1	μg/L	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368
Indeno[1,2,3-cd]pyrene	<50	50	D1	μg/L	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368
Isophorone	<50	50	D1	µg/L	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368
2-Methylnaphthalene	<50	50	D1	µg/L	5.0	SW8270C	9/9/08	9/18/08 22:25	JН	1368
2-Methylphenol	<50	50	D1	μg/L	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368
4-Methylphenol	<50	50	D1	µg/L	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368
N-Nitrosodi-n-propylamine	<50	50	D1	µg/L	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368
N-Nitrosodiphenylamine	<50	50	D1	µg/L	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368
Naphthalene	<50	50	D1	hã/r	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368
Nitrobenzene	<50	50	D1	hā/r	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368
2-Nitrophenol	<50	50	D1	µg/L	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368
4-Nitrophenol	<50	50	D1	µg/L	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368
Pentachlorophenol	<50	50	D1	µg/L	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368
Phenanthrene	<50	50	D1	µg/L	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368
Phenol	<50	50	D1	μg/L	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368
Pyrene	<50	50	D1,L1	µg/L	5.0	SW8270C	9/9/08	9/18/08 22:25		1368
1,2,4-Trichlorobenzene	<50	50	D1	μg/L	5.0	SW8270C	9/9/08	9/18/08 22:25	JH JH	1368
2,4,6-Trichlorophenol	<50	50	D1	µg/L µg/L	5.0	SW8270C	9/9/08	9/18/08 22:25		1368
2-Chlorophenol-d4(Surrogate)		21-123	<i>5</i> (	%REC	5.0	SW8270C	9/9/08	9/18/08 22:25	JH ILI	1368
1,2-Dichlorobenzene-d4(Surrogate)		27-126		%REC	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	
2-Fluorobiphenyl(Surrogate)	70	29-131		%REC	5.0	SW8270C	9/9/08		JH	1368
2-Fluorophenol(Surrogate)	42	17-78		%REC		SW8270C		9/18/08 22:25	JH	1368
2. Iddiophonological	42	11~10		MEG	5.0	34402100	9/9/08	9/18/08 22:25	JH	1368



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08090068

Lab ID:

08090068-02

Project Name:

BOND & BOND

Project Number: 3917783

Client Sample ID: MW-9

Collection Date: 9/2/2008 2:10:00 PM

1011 Date: 3/2/2008 2.10.1

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date	Date		
*			Quai				Prepared	Analyzed	Analyst	Batch ID
Nitrobenzene-d5(Surrogate)	68			%REC	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368
Phenol-d6(Surrogate)	25	17-53		%REC	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368
4-Terphenyl-d14(Surrogate)	39	13-124		%REC	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368
2,4,6-Tribromophenol(Surrogate)	67		EP METHOD:	%REC	5.0	SW8270C	9/9/08	9/18/08 22:25	JH	1368
		FRI	EP ME I HOD:	21/12/03/08				P	Test Perfo	ormed By: AZ0133
Acetone	<200	200	D1	µg/L	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
Benzene	<5.0	5.0	D1	µg/L	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
Bromobenzene	<15	15	D1	μg/L	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
Bromochloromethane	<5.0	5.0	D1	μg/L	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
Bromodichloromethane	<5.0	5.0	D1	μg/L	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
Bromoform	<10	10	D1	µg/L	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
Bromomethane	<50	50	D1	μg/L	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
2-Butanone	<50	50	D1	μg/L	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
n-Butylbenzene	34	25	D1	μg/L	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
sec-Butylbenzene	48	15	D1	µg/L	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
tert-Butylbenzene	<25	25	D1	µg/L	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
Carbon disulfide	<5.0	5.0	D1	µg/L	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
Carbon tetrachloride	<5.0	5.0	D1	µg/L	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
Chlorobenzene	<5.0	5.0	D1	µg/L	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
Dibromochloromethane	<5.0	5.0	D1	µg/L	10	SW8260B	N/A	9/8/08 18:46		R080908A
Chloroethane	<50	50	D1		10	SW8260B	N/A	9/8/08 18:46	EFM	
Chloroform	<5.0	5.0	D1	µg/L	10	SW8260B	N/A		EFM	R080908A
Chloromethane	<50	50	D1	µg/L		SW8260B		9/8/08 18:46	EFM	R080908A
2-Chlorotoluene	<15	15		µg/L	10		N/A	9/8/08 18:46	EFM	R080908A
4-Chlorotoluene	<20		D1	μg/L	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
1,2-Dibromo-3-chloropropane		20	D1	hã/ŗ	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
• •	<20	20	D1	µg/L	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
1,2-Dibromoethane	<5.0	5.0	D1	μg/L	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
Dibromomethane	<5.0	5.0	D1	µg/L	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
1,2-Dichlorobenzene	<15	15	D1	µg/L	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
1,3-Dichlorobenzene	<15	15	D1	µg/Ľ	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
1,4-Dichlorobenzene	<15	15	D1	µg/L	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
Dichlorodifluoromethane	<20	20	D1	µg/L	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
1,1-Dichloroethane	<10	10	D1	µg/L	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
1,2-Dichloroethane	<10	10	D1,V1	μg/L	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
1,1-Dichloroethene	<5.0	5.0	D1	µg/L	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
cis-1,2-Dichloroethene	<5.0	5.0	D1	µg/L	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
rans-1,2-Dichloroethene	<5.0	5.0	D1	µg/L	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
1,2-Dichloropropane	<5.0	5.0	D1	µg/L	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
1,3-Dichloropropane	<10	10	D1	µg/L	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
2,2-Dichloropropane	<5.0	5.0	D1	µg/L	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
1,1-Dichloropropene	<10	10	D1	µg/L	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
cis-1,3-Dichloropropene	<10	10	D1	µg/L	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08090068

Lab ID:

08090068-02

**Project Name:** 

BOND & BOND

Project Number: 3917783

Client Sample ID: MW-9

Collection Date: 9/2/2008 2:10:00 PM

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
trans-1,3-Dichloropropene	<5.0	5.0	D1	hg/r	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
Ethylbenzene	250	20	D2	µg/L	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
Hexachlorobutadiene	<50	50	D1	µg/L	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
2-Hexanone	<50	50	D1	µg/L	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
lodomethane	<20	20	D1	µg/L	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
Isopropylbenzene	130	25	D2	µg/L	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
4-Isopropyltoluene	45	15	D1	μg/L	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
Methylene chloride	<30	30	D1	µg/L	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
4-Methyl-2-pentanone	<50	50	D1	µg/L	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
Methyl tert-butyl ether	<20	20	D1	µg/L	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
Naphthalene	<50	50	D1	µg/L	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
n-Propylbenzene	150	20	D2	µg/L	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
Styrene	<10	10	D1	μg/L	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
1,1,1,2-Tetrachloroethane	<5.0	5.0	D1	µg/L	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
1,1,2,2-Tetrachloroethane	<5.0	5.0	D1	μg/L	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
Tetrachloroethene	<5.0	5.0	D1	µg/L	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
Toluene	<20	20	D1	μg/L	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
1,2,3-Trichlorobenzene	<50	50	D1	µg/L	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
1,2,4-Trichlorobenzene	<50	50	D1	µg/L	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
1,1,1-Trichloroethane	<5.0	5.0	D1	µg/L	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
1,1,2-Trichloroethane	<5.0	5.0	D1	µg/L	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
Trichloroethene	<5.0	5.0	D1	µg/L	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
Trichlorofluoromethane	<20	20	D1,L1	µg/L	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
1,2,3-Trichloropropane	<10	10	D1	µg/L	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
1,2,4-Trimethylbenzene	290	20	D2	µg/L	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
1,3,5-Trimethylbenzene	140	15	D2	µg/L	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
Vinyl acetate	<50	50	D1	µg/L	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
Vinyl chloride	<5.0	5.0	D1	µg/L	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
Xylenes, Total	85	30	D1	µg/L	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
4-Bromofluorobenzene(Surrogate)	99	64-123		%REC	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
Dibromofluoromethane(Surrogate)	93	59-123		%REC	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
1,2-Dichloroethane-d4(Surrogate)	95	57-125		%REC	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
Toluene-d8(Surrogate)	100	66-124		%REC	10	SW8260B	N/A	9/8/08 18:46	EFM	R080908A
1177		PRI	P METHOD:	SW3510C			VIIII.		Test Perfo	rmed By: AZ0133
Arodor 1016	<1.0	1.0		ug/L	1.0	SW8082	9/9/08	9/18/08 21:31	TB	1374
Aroclor 1221	<3.0	3.0		ug/L	1.0	SW8082	9/9/08	9/18/08 21:31	ТВ	1374
Aroclor 1232	<2.0	2.0		ug/L	1.0	SW8082	9/9/08	9/18/08 21:31	TB	1374
Aroclor 1242	<1.0	1.0		ug/L	1.0	SW8082	9/9/08	9/18/08 21:31	TB	1374
Aroclor 1248	<1.0	1.0		ug/L	1.0	SW8082	9/9/08	9/18/08 21:31	TB	1374
Aroclor 1254	<1.0	1.0		ug/L	1.0	SW8082	9/9/08	9/18/08 21:31	TB	1374
Aroclor 1260	<1.0	1.0		ug/L	1.0	SW8082	9/9/08	9/18/08 21:31	TB	1374
Decachlorobiphenyl(Surrogate)	78	3-156		%REC	1.0	SW8082	9/9/08	9/18/08 21:31	TB	1374
<del>-</del> ·									, ,	



License No. AZM133/AZ0133

CLIENT: Work Order:

Bristol Environmental & Engineering

08090068

Lab ID:

08090068-02

Project Name:

BOND & BOND

Project Number: 3917783

Client Sample ID: MW-9

Collection Date: 9/2/2008 2:10:00 PM

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Batch ID	_
TCMX(Surrogate)	83	3-150		%REC	1.0	SW8082	9/9/08	9/18/08 21:31	TB	1374	-



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08090068

Lab ID:

Project Name:

08090068-03 **BOND & BOND** 

Project Number: 3917783

Client Sample ID: MW-10

**Collection Date:** 9/2/2008 6:02:00 PM

Analyte	Result	PQ	L Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Batch ID
	Test Perfo	Test Performed By: AZ0133								
C13-C22 DRO	400	110	T5,H4,D2	μg/L	1.1	8015B	9/18/08	9/19/08 21:41	LB	1459
C23-C32 ORO	<110	110	T5,H4,D1	µg/L	1.1	8015B	9/18/08	9/19/08 21:41	LB	1459
o-Terphenyl(Surrogate)	75	35-141	H4, N1	%REC	1.1	8015B	9/18/08	9/19/08 21:41	LB	1459
	271	F	PREP METHOD:	SW3010A	·	1/100/01			Test Perfo	rmed By: AZ0133
Lead, Dissolved	<0.010	0.010		mg/L	1.0	SW6010B	9/10/08	9/19/08 19:16	MDD	1386
		F	PREP METHOD:	SW3510C		7.11\			Test Perfo	rmed By: AZ0133
Acenaphthene	<100	100	D1	μg/L	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368
Acenaphthylene	<100	100	D1	µg/L	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368
Anthracene	<100	100	D1	μg/L	10	SW8270C	9/9/08	9/18/08 23:04	jΗ	1368
Azobenzene	<100	100	D1	µg/L	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368
Benz[a]anthracene	<100	100	D1	µg/L	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368
Benzo[a]pyrene	<100	100	D1	µg/L	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368
Benzo[b]fluoranthene	<100	100	D1	μg/L	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368
Benzo[g,h,i]perylene	<100	100	D1	μg/L	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368
Benzo[k]fluoranthene	<100	100	D1	µg/L	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368
Benzoic acid	<500	500	D1	µg/L	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368
Benzyl alcohol	<100	100	D1	μg/L	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368
Bis(2-chloroethoxy)methane	<100	100	D1	μg/L	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368
Bis(2-chloroethyl)ether	<100	100	D1	μg/L	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368
Bis(2-chloroisopropyl)ether	<100	100	D1	µg/L	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368
Bis(2-ethylhexyl)phthalate	<100	100	D1	μg/L	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368
4-Bromophenyl phenyl ether	<100	100	D1	µg/L	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368
Butyl benzyl phthalate	<100	100	D1	μg/L	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368
4-Chloro-3-methylphenol	<100	100	D1	μg/L	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368
4-Chloroaniline	<100	100	D1	μg/L	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368
2-Chloronaphthalene	<100	100	D1	µg/L	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368
2-Chlorophenol	<100	100	D1	μg/L	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368
4-Chlorophenyl phenyl ether	<100	100	D1	μg/L	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368
Chrysene	<100	100	D1	μg/L	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368
Di-n-butyl phthalate	<100	100	D1	µg/L	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368
Di-n-octyl phthalate	<100	100	D1	µg/L	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368
Dibenz[a,h]anthracene	<100	100	D1	µg/L	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368
Dibenzofuran	<100	100	D1	µg/L	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368
1,2-Dichlorobenzene	<100	100	D1	µg/L	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368
1,3-Dichlorobenzene	<100	100	D1	hã/r	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368
1,4-Dichlorobenzene	<100	100	D1	µg/L	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368
3,3'-Dichlorobenzidine	<100	100	D1,L1	µg/L	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368
2,4-Dichlorophenol	<100	100	D1	µg/L	10	SW8270C	9/9/08	9/18/08 23:04		
Diethyl phthalate	<100	100	D1	µg/L	10	SW8270C	9/9/08	9/18/08 23:04	JH JH	1368 1368



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08090068

Lab ID:

08090068-03

**Project Name:** 

BOND & BOND

Project Number: 3917783

Client Sample ID: MW-10

Collection Date: 9/2/2008 6:02:00 PM

						Test	Date	Date			
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID	
Dimethyl phthalate	<100	100	D1	µg/L	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368	
2,4-Dimethylphenol	<100	100	D1	µg/L	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368	
4,6-Dinitro-2-methylphenol	<100	100	D1	µg/L	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368	
2,4-Dinitrophenol	<200	200	D1	µg/L	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368	
2,4-Dinitrotoluene	<100	100	D1	µg/L	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368	
2,6-Dinitrotoluene	<100	100	D1	µg/L	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368	
Fluoranthene	<100	100	D1	µg/L	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368	
Fluorene	<100	100	D1	µg/L	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368	
Hexachlorobenzene	<100	100	D1	µg/L	10	SW8270C	9/9/08	9/18/08 23:04	JН	1368	
Hexachlorobutadiene	<100	100	D1	μg/L	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368	
Hexachlorocyclopentadiene	<100	100	D1	µg/L	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368	
Hexachloroethane	<100	100	D1	μg/L	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368	
Indeno[1,2,3-cd]pyrene	<100	100	D1	µg/L	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368	
Isophorone	<100	100	D1	µg/L	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368	
2-Methylnaphthalene	<100	100	D1	μg/L	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368	
2-Methylphenol	<100	100	D1	μg/L	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368	
4-Methylphenol	<100	100	D1	μg/L	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368	
N-Nitrosodi-n-propylamine	<100	100	D1	µg/L	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368	
N-Nitrosodiphenylamine	<100	100	D1	µg/L	10	SW8270C	9/9/08	9/18/08 23:04	JН	1368	
Naphthalene	<100	100	D1	µg/L	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368	
Nitrobenzene	<100	100	D1	µg/L	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368	
2-Nitrophenol	<100	100	D1	μg/L	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368	
4-Nitrophenol	<100	100	D1	μg/L	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368	
Pentachlorophenol	<100	100	D1	μg/L	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368	
Phenanthrene	<100	100	D1	µg/L	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368	
Phenol	<100	100	D1	μg/L	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368	
Pyrene	<100	100	D1,L1	µg/L	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368	
1,2,4-Trichlorobenzene	<100	100	D1	µg/L	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368	
2,4,6-Trichlorophenol	<100	100	D1	μg/L	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368	
2-Chlorophenol-d4(Surrogate)	61	21-123		%REC	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368	
1,2-Dichlorobenzene-d4(Surrogate)	70	27-126		%REC	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368	
2-Fluorobiphenyl(Surrogate)	70	29-131		%REC	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368	
2-Fluorophenol(Surrogate)	38	17-78		%REC	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368	
Nitrobenzene-d5(Surrogate)	67	26-131		%REC	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368	
Phenol-d6(Surrogate)	23	17-53		%REC	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368	
4-Terphenyl-d14(Surrogate)	41	13-124		%REC	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368	
2,4,6-Tribromophenol(Surrogate)	46	30-140		%REC	10	SW8270C	9/9/08	9/18/08 23:04	JH	1368	
	//////////////////////////////////////	PRE	P METHOD:	SW5030B	***				Test Performed By: AZ0133		
Acetone	<20	20		μg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A	
Benzene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A	
Bromobenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A	
Bromochloromethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A	



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08090068

Lab ID:

08090068-03

**Project Name:** 

BOND & BOND

Project Number: 3917783

Client Sample ID: MW-10

Collection Date: 9/2/2008 6:02:00 PM

					-	Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Bromodichloromethane	<0.50	0.50		hg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
Bromoform	<1.0	1.0		µg/∟	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
Bromomethane	< 5.0	5.0		µg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
2-Butanone	<5.0	5.0		μg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
n-Butylbenzene	5.8	2.5		µg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
sec-Butylbenzene	35	1.5		µg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
tert-Butylbenzene	3.3	2.5		µg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
Carbon disulfide	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
Carbon tetrachloride	<0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
Chlorobenzene	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
Dibromochloromethane	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
Chloroethane	<5.0	5.0		µg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
Chloroform	<0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
Chloromethane	<5.0	5.0		µg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
2-Chlorotoluene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
4-Chlorotoluene	<2.0	2.0		μg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
1,2-Dibromo-3-chloropropane	<2.0	2.0		μg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
1,2-Dibromoethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
Dibromomethane	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
1,2-Dichlorobenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
1,3-Dichlorobenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
1,4-Dichlorobenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
Dichlorodifluoromethane	<2.0	2.0		μg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
1,1-Dichtoroethane	<1.0	1.0		μg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
1,2-Dichloroethane	<1.0	1.0	V1	µg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
1,1-Dichloroethene	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
cis-1,2-Dichloroethene	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
trans-1,2-Dichloroethene	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
1,2-Dichloropropane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
1,3-Dichloropropane	<1.0	1.0		μg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
2,2-Dichloropropane	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
1,1-Dichloropropene	<1.0	1.0		μg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
cis-1,3-Dichloropropene	<1.0	1.0		µg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
trans-1,3-Dichloropropene	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
Ethylbenzene	5.3	2.0		μg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
Hexachlorobutadiene	<5.0	5.0		µg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
2-Hexanone	<5.0	5.0		µg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
lodomethane	<2.0	2.0		µg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
Isopropylbenzene	41	2.5		μg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
4-Isopropyltoluene	6.4	1.5		μg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
Methylene chloride	<3.0	3.0		μg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM .	R080908A
4-Methyl-2-pentanone	<5.0	5.0		μg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
Methyl tert-butyl ether	<2.0	2.0		hâ\r hâ\r	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
•		·		M3	7.0	052000	MF	2/0/00 10.19	tul IVI	MODELLOW



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08090068

Lab ID:

08090068-03

Project Name:

BOND & BOND

Project Number: 3917783

Client Sample ID: MW-10

**Collection Date:** 9/2/2008 6:02:00 PM

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Naphthalene	<5.0	5.0		µg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
n-Propylbenzene	24	2.0		µg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
Styrene	<1.0	1.0		µg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
1,1,1,2-Tetrachloroethane	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
1,1,2,2-Tetrachloroethane	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
Tetrachloroethene	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
Toluene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
1,2,3-Trìchlorobenzene	<5.0	5.0		µg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
1,2,4-Trichlorobenzene	<5.0	5.0		µg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
1,1,1-Trichloroethane	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
1,1,2-Trichloroethane	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
Trichloroethene	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
Trichlorofluoromethane	<2.0	2.0	L1	µg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
1,2,3-Trichloropropane	<1.0	1.0		μg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
1,2,4-Trimethylbenzene	4.4	2.0		µg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
1,3,5-Trimethylbenzene	5.3	1.5		µg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
Vinyl acetate	<5.0	5.0		μg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
Vinyl chloride	<0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
Xylenes, Total	<3.0	3.0		µg/L	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
4-Bromofluorobenzene(Surrogate)	99	64-123		%REC	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
Dibromofluoromethane(Surrogate)	92	59-123		%REC	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
1,2-Dichloroethane-d4(Surrogate)	96	57-125		%REC	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A
Toluene-d8(Surrogate)	100	66-124		%REC	1.0	SW8260B	N/A	9/8/08 16:14	EFM	R080908A



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08090068

Lab ID:

08090068-04

**Project Name:** 

BOND & BOND

Project Number: 3917783

Client Sample ID: MW-11

Collection Date: 9/2/2008 4:59:00 PM

Analyte	Result	PQ	L Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Batch ID
		F	REP METHOD:	SW3510C		77//			Test Perfo	ormed By: AZ0133
C13-C22 DRO	150	110	T5,H4,D2	μg/L	1.1	8015B	9/18/08	9/19/08 22:25	LB	1459
C23-C32 ORO	<110	110	T5,H4,D1	µg/L	1.1	8015B	9/18/08	9/19/08 22:25	LB	1459
o-Terphenyl(Surrogate)	70	35-141	H4, N1	%REC	1.1	8015B	9/18/08	9/19/08 22:25	LB	1459
		F	REP METHOD:	SW3010A					Test Perfo	ormed By: AZ0133
Lead, Dissolved	<0.010	0.010		mg/L	1.0	SW6010B	9/10/08	9/19/08 19:20	MDD	1386
		P	REP METHOD:	SW3510C		·//		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Test Perfo	rmed By: AZ0133
Acenaphthene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
Acenaphthylene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
Anthracene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
Azobenzene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
Benz[a]anthracene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
Benzo[a]pyrene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
Benzo[b]fluoranthene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
Benzo[g,h,i]perylene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
Benzo[k]fluoranthene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
Benzoic acid	<50	50		μg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
Benzyl alcohol	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
Bis(2-chloroethoxy)methane	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
Bis(2-chloroethyl)ether	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
Bis(2-chloroisopropyl)ether	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
Bis(2-ethylhexyl)phthalate	<10	10	V1	μg/L	1,0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
4-Bromophenyl phenyl ether	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
Butyl benzyl phthalate	<10	10	V1	μg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
4-Chloro-3-methylphenol	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
4-Chloroaniline	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
2-Chloronaphthalene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
2-Chlorophenol	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
4-Chlorophenyl phenyl ether	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
Chrysene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
Di-n-butyl phthalate	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
Di-n-octyl phthalate	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
Dibenz[a,h]anthracene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
Dibenzofuran	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
1,2-Dichlorobenzene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
1,3-Dichlorobenzene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
1,4-Dichlorobenzene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
3,3'-Dichlorobenzidine	<10	10	L1	μg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
2,4-Dichlorophenol	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
Diethyl phthalate	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08090068

Lab ID:

08090068-04

**Project Name:** 

BOND & BOND

Project Number: 3917783

Client Sample ID: MW-11

Collection Date: 9/2/2008 4:59:00 PM

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Dimethyl phthalate	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
2,4-Dimethylphenol	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
4,6-Dinitro-2-methylphenol	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
2,4-Dinitrophenol	<20	20		µg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	JΗ	1368
2,4-Dinitrotoluene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
2,6-Dinitrotoluene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
Fluoranthene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
Fluorene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
Hexachlorobenzene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
Hexachlorobutadiene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
Hexachlorocyclopentadiene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
Hexachloroethane	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
Indeno[1,2,3-cd]pyrene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	Ht	1368
Isophorone	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
2-Methylnaphthalene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
2-Methylphenol	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
4-Methylphenol	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
N-Nitrosodi-n-propylamine	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
N-Nitrosodiphenylamine	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
Naphthalene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
Nitrobenzene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
2-Nitrophenol	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
4-Nitrophenol	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
Pentachlorophenol	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
Phenanthrene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
Phenol	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
Pyrene	<10	10	L1	µg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
1,2,4-Trichlorobenzene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
2,4,6-Trichlorophenol	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
2-Chlorophenol-d4(Surrogate)	69	21-123		%REC	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
1,2-Dichlorobenzene-d4(Surrogate)	74	27-126		%REC	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
2-Fluorobiphenyl(Surrogate)	74	29-131		%REC	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
2-Fluorophenol(Surrogate)	42	17-78		%REC	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
Nitrobenzene-d5(Surrogate)	77	26-131		%REC	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
Phenol-d6(Surrogate)	29	17-53		%REC	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
4-Terphenyl-d14(Surrogate)	47	13-124		%REC	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
2,4,6-Tribromophenol(Surrogate)		30-140		%REC	1.0	SW8270C	9/9/08	9/16/08 18:49	JH	1368
	10000	PRI	P METHOD:						······································	med By: AZ0133
Acetone	<20	20		µg/L	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
Benzene	< 0.50	0.50		hg/r hg/r	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
Bromobenzene	<1.5	1.5		hg/r hg/r	1.0	SW8260B	N/A	9/8/08 16:35		R080908A
Bromochloromethane	<0.50	0.50			1.0	SW8260B	N/A	9/8/08 16:35	EFM EENA	R080908A
	VV	0.00		µg/L	r.U	01102000	IN/A	310/00 10,30	EFM	VN0AA00Y



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08090068

Lab ID:

08090068-04

Project Name:

BOND & BOND

Project Number: 3917783

Client Sample ID: MW-11

Collection Date: 9/2/2008 4:59:00 PM

Analysta	73	DOI	0.1	Y Y .		Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Bromodichloromethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
Bromoform	<1.0	1.0		µg/L	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
Bromomethane	<5.0	5.0		µg/L	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
2-Butanone	<5.0	5.0		µg/L	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
n-Butylbenzene	<2.5	2.5		μg/L	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
sec-Butylbenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
tert-Butylbenzene	<2.5	2.5		μg/L	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
Carbon disulfide	<0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
Carbon tetrachloride	<0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
Chlorobenzene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
Dibromochloromethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
Chloroethane	<5.0	5.0		µg/L	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
Chloroform	<0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
Chloromethane	<5.0	5.0		µg/L	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
2-Chlorotoluene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
4-Chlorotoluene	<2.0	2.0		μg/L	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
1,2-Dibromo-3-chloropropane	<2.0	2.0		μg/L	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
1,2-Dibromoethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
Dibromomethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
1,2-Dichlorobenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
1,3-Dichlorobenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
1,4-Dichlorobenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
Dichlorodifluoromethane	<2.0	2.0		hã/r	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
1,1-Dichloroethane	<1.0	1.0		µg/L	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
1,2-Dichloroethane	<1.0	1.0	V1	μg/L	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
1,1-Dichloroethene	<0.50	0.50	<b>V</b> 1	μg/L	1.0	SW8260B	N/A	9/8/08 16:35		R080908A
cis-1,2-Dichloroethene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 16:35	EFM	
trans-1,2-Dichloroethene	<0.50	0.50		µg/L µg/L	1.0	SW8260B	N/A		EFM	R080908A
1,2-Dichloropropane	<0.50	0.50		µg/L µg/L	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
1,3-Dichloropropane	<1.0	1.0			1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
2,2-Dichloropropane	<0.50	0.50		µg/L	1.0	SW8260B		9/8/08 16:35	EFM	R080908A
1,1-Dichloropropene	<1.0	1.0		µg/L			N/A	9/8/08 16:35	EFM	R080908A
cls-1,3-Dichloropropene	<1.0	1.0		µg/L	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
trans-1,3-Dichloropropene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
Ethylbenzene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
Hexachlorobutadiene	<5.0			µg/L	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
2-Hexanone	<5.0	5.0		µg/L	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
Iodomethane		5.0		ha\ra	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
Isopropylbenzene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
	<2.5	2.5		μg/L	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
4-Isopropyltoluene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
Methylene chloride	<3.0	3.0		μg/L 	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
4-Methyl-2-pentanone	<5.0	5.0		μg/L	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
Methyl tert-butyl ether	<2.0	2.0		µg/L	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08090068

Lab ID:

08090068-04

**Project Name:** 

BOND & BOND

Project Number: 3917783

Matrix: Water

Client Sample ID: MW-11

**Collection Date:** 9/2/2008 4:59:00 PM

						D'2				
Analyte	Result	PQL	Qual	Units	DF	Test Code	Date	Date	A T 4	D ( 1 775
			- Quai				Prepared	Analyzed	Analyst	Batch ID
Naphthalene	<5.0			µg/L	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
n-Propylbenzene	<2.0			µg/L	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
Styrene	<1.0	1.0		µg/L	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
1,1,1,2-Tetrachloroethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
1,1,2,2-Tetrachloroethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
Tetrachloroethene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
Toluene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
1,2,3-Trichlorobenzene	<5.0	5.0		μg/L	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
1,2,4-Trichlorobenzene	<5.0	5.0		µg/L	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
1,1,1-Trichloroethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
1,1,2-Trichloroethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
Trichloroethene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
Trichlorofluoromethane	<2.0	2.0	L1	μg/L	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
1,2,3-Trichloropropane	<1.0	1.0		μg/L	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
1,2,4-Trimethylbenzene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
1,3,5-Trimethylbenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
Vinyl acetate	<5.0	5.0		µg/L	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
Vinyl chloride	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
Xylenes, Total	<3.0	3.0		µg/L	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
4-Bromofluorobenzene(Surrogate)	99	64-123		%REC	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
Dibromofluoromethane(Surrogate)	94	59-123		%REC	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
1,2-Dichloroethane-d4(Surrogate)	94	57-125		%REC	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A
Toluene-d8(Surrogate)	98	66-124		%REC	1.0	SW8260B	N/A	9/8/08 16:35	EFM	R080908A



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Client Sample ID: MW-12

Work Order:

08090068

Collection Date: 9/2/2008 6:29:00 PM

Lab ID:

08090068-05

Matrix: Water

Project Name:

BOND & BOND

Project Number: 3917783

Analyte	Result	PQ	. Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Batch ID
		P	REP METHOD:	SW3510C				,,, <u>,</u>	Test Perfo	rmed By: AZ0133
C13-C22 DRO	<110	110	T5,H4,D1	µg/L	1.1	8015B	9/18/08	9/20/08 2:02	LB	1459
C23-C32 ORO	<110	110	T5,H4,D1	μg/L	1.1	8015B	9/18/08	9/20/08 2:02	LB	1459
o-Terphenyl(Surrogate)	81	35-141	H4, N1	%REC	1.1	8015B	9/18/08	9/20/08 2:02	LB	1459
		Pi	REP METHOD:	SW3010A				3-1/1/4-4	Test Perfo	rmed By: AZ0133
Lead, Dissolved	<0.010	0.010		mg/L	1.0	SW6010B	9/10/08	9/19/08 19:24	MDD	1386
		Pi	REP METHOD:	SW3510C					Test Perfo	rmed By: AZ0133
Acenaphthene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
Acenaphthylene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
Anthracene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
Azobenzene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
Benz[a]anthracene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
Benzo[a]pyrene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
Benzo[b]fluoranthene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
Benzo[g,h,i]perylene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
Benzo(k)fluoranthene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
Benzoic acid	<50	50		µg/L	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
Benzyl alcohol	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
Bis(2-chloroethoxy)methane	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
Bis(2-chloroethyl)ether	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
Bis(2-chloroisopropyl)ether	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
Bis(2-ethy/hexyl)phthalate	<10	10	V1	µg/L	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
4-Bromophenyl phenyl ether	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
Butyl benzyl phthalate	<10	10	V1	µg/L	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
4-Chloro-3-methylphenol	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
4-Chloroaniline	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
2-Chloronaphthalene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
2-Chlorophenol	<10	10		hã/r hã/r	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
4-Chlorophenyl phenyl ether	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
Chrysene	<10	10		µg/L µg/L	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
Di-n-butyl phthalate	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
Di-n-octyl phthalate	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
Dibenz[a,h]anthracene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
Dibenzofuran	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
1,2-Dichlorobenzene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
1,3-Dichlorobenzene	<10	10		hâ\r hâ\r	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
1,4-Dichlorobenzene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
3,3'-Dichlorobenzidine	<10	10	L1	µg/L	1.0	SW8270C	9/9/08	9/16/08 19:41		1368
2,4-Dichlorophenol	<10	10	ler 1	µg/L µg/L	1.0	SW8270C	9/9/08	9/16/08 19:41	JH ILI	1368
Diethyl phthalate	<10	10		ha\r ha\r	1.0	SW8270C	9/9/08	9/16/08 19:41	JH JH	1368



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08090068

Lab ID:

08090068-05

**Project Name:** 

BOND & BOND

Project Number: 3917783

Client Sample ID: MW-12

Collection Date: 9/2/2008 6:29:00 PM

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Dimethyl phthalate	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
2,4-Dimethylphenol	<10	10		hg/r	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
4,6-Dinitro-2-methylphenol	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
2,4-Dinitrophenol	<20	20		µg/L	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
2,4-Dinitrotoluene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
2,6-Dinitrotoluene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
Fluoranthene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
Fluorene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
Hexachlorobenzene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
Hexachlorobutadiene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
Hexachlorocyclopentadiene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
Hexachloroethane	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
Indeno[1,2,3-cd]pyrene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
Isophorone	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
2-Methylnaphthalene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
2-Methylphenol	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
4-Methylphenol	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
N-Nitrosodi-n-propylamine	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
N-Nitrosodiphenylamine	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
Naphthalene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
Nitrobenzene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
2-Nitrophenol	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
4-Nitrophenol	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
Pentachlorophenol	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
Phenanthrene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
Phenol	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
Pyrene	<10	10	L1	µg/L	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
1,2,4-Trichlorobenzene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
2,4,6-Trichlorophenol	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
2-Chlorophenol-d4(Surrogate)	67	21-123		%REC	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
1,2-Dichlorobenzene-d4(Surrogate)	74	27-126		%REC	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
2-Fluorobiphenyl(Surrogate)	72	29-131		%REC	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
2-Fluorophenol(Surrogate)	41	17-78		%REC	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
Nitrobenzene-d5(Surrogate)	78	26-131		%REC	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
Phenol-d6(Surrogate)	28	17-53		%REC	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
4-Terphenyl-d14(Surrogate)	34	13-124		%REC	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
2,4,6-Tribromophenol(Surrogate)	76	30-140		%REC	1.0	SW8270C	9/9/08	9/16/08 19:41	JH	1368
		PREF	METHOD:	SW5030B					Test Perfor	med By: AZ0133
Acetone	<20	20		µg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
Benzene	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
Bromobenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
Bromochloromethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08090068

Lab ID:

08090068-05

Project Name:

BOND & BOND

Project Number: 3917783

Client Sample ID: MW-12

Collection Date: 9/2/2008 6:29:00 PM

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Bromodichloromethane	. <0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
Bromoform	<1.0	1.0		µg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
Bromomethane	<5.0	5.0		μg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
2-Butanone	<5.0	5.0		μg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
n-Butylbenzene	<2.5	2.5		μg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
sec-Butylbenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
tert-Butylbenzene	<2.5	2.5		µg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
Carbon disulfide	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
Carbon tetrachloride	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
Chlorobenzene	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
Dibromochloromethane	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
Chloroethane	<5.0	5.0		hg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
Chloroform	<0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
Chloromethane	<5.0	5.0		μg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
2-Chlorotoluene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
4-Chlorotoluene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
1,2-Dibromo-3-chloropropane	<2.0	2.0		µg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
1,2-Dibromoethane	< 0.50	0.50		hg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
Dibromomethane	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
1,2-Dichlorobenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
1,3-Dichlorobenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
1,4-Dichlorobenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
Dichlorodifluoromethane	<2.0	2.0		µg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
1,1-Dichloroethane	<1.0	1.0		μg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
1,2-Dichloroethane	<1.0	1.0	V1	µg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
1,1-Dichloroethene	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
cis-1,2-Dichloroethene	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
trans-1,2-Dichloroethene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
1,2-Dichloropropane	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
1,3-Dichloropropane	<1.0	1.0		µg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
2,2-Dichloropropane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
1,1-Dichloropropene	<1.0	1.0		µg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
cis-1,3-Dichloropropene	<1.0	1.0		μg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
rans-1,3-Dichloropropene	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
Ethylbenzene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
-lexachlorobutadiene	<5.0	5.0		µg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
2-Hexanone	<5.0	5.0		µg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
odomethane	<2.0	2.0		µg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
sopropylbenzene	<2.5	2.5		µg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
1-Isopropyltoluene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
Methylene chloride	<3.0	3.0		μg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
1-Methyl-2-pentanone	<5.0	5.0		μg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
Methyl tert-butyl ether	<2.0	2.0		µg/L	1.0	SW8260B	N/A	9/8/08 16:58	<b>→· ···</b>	•



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08090068

Lab ID:

08090068-05

Project Name:

BOND & BOND

Project Number: 3917783

Client Sample ID: MW-12

3112110 Sempre x251 15211 12

Collection Date: 9/2/2008 6:29:00 PM

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Naphthalene	<5.0	5.0		hg/r	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
n-Propylbenzene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
Styrene	<1.0	1.0		µg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
1,1,1,2-Tetrachloroethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
1,1,2,2-Tetrachloroethane	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
Tetrachloroethene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
Toluene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
1,2,3-Trichlorobenzene	<5.0	5.0		µg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
1,2,4-Trichlorobenzene	<5.0	5.0		µg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
1,1,1-Trichloroethane	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
1,1,2-Trichloroethane	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
Trichloroethene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
Trichlorofluoromethane	<2.0	2.0	L1	µg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
1,2,3-Trichloropropane	<1.0	1.0		µg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
1,2,4-Trimethylbenzene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
1,3,5-Trimethylbenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
Vinyl acetate	<5.0	5.0		µg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
Vinyl chloride	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
Xylenes, Total	<3.0	3.0		μg/L	1.0	SW8260B	NΑ	9/8/08 16:58	EFM	R080908A
4-Bromofluorobenzene(Surrogate)	98	64-123		%REC	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
Dibromofluoromethane(Surrogate)	96	59-123		%REC	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
1,2-Dichloroethane-d4(Surrogate)	96	57-125		%REC	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A
Toluene-d8(Surrogate)	96	66-124		%REC	1.0	SW8260B	N/A	9/8/08 16:58	EFM	R080908A



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08090068

Lab ID:

08090068-06

Project Name:

BOND & BOND

Project Number: 3917783

Client Sample ID: MW-13

Collection Date: 9/2/2008 5:37:00 PM

						Test	Date	Date		
Analyte	Result	PQ	L Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
		F	REP METHOD:	SW3510C		· · · · · · · · · · · · · · · · · · ·			Test Perfo	rmed By: AZ0133
C13-C22 DRO	<120	120	T5,H4,D1	µg/L	1.2	8015B	9/18/08	9/20/08 2:45	LB	1459
C23-C32 ORO	<120	120	T5,H4,D1	μg/L	1.2	8015B	9/18/08	9/20/08 2:45	LB	1459
o-Terphenyl(Surrogate)	72	35-141	H4, N1	%REC	1.2	8015B	9/18/08	9/20/08 2:45	LB	1459
	,	P	REP METHOD:	SW3010A	, , , , , , , , , , , , , , , , , , ,			2,11	Test Perfo	rmed By: AZ0133
Lead, Dissolved	<0.010	0.010		mg/L	1.0	SW6010B	9/10/08	9/19/08 19:28	MDD	1386
		Р	REP METHOD:	SW3510C				A A1	Test Perfo	rmed By: AZ0133
Acenaphthene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
Acenaphthylene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
Anthracene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
Azobenzene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
Benz[a]anthracene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
Benzo[a]pyrene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
Benzo[b]fluoranthene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
Benzo[g,h,i]perylene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
Benzo[k]fluoranthene	<10	10		hg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
Benzoic acid	<50	50		µg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
Benzyl alcohol	<10	10		hg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
Bis(2-chloroethoxy)methane	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
Bis(2-chloroethyl)ether	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
Bis(2-chloroisopropyl)ether	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
Bis(2-ethylhexyl)phthalate	<10	10	V1	µg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
4-Bromophenyl phenyl ether	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
Butyl benzyl phthalate	<10	10	V1	μg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
4-Chloro-3-methylphenol	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
4-Chloroaniline	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	JН	1368
2-Chloronaphthaiene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
2-Chlorophenol	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
4-Chlorophenyl phenyl ether	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
Chrysene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
Di-n-butyl phthalate	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
DI-n-octyl phthalate	<10	10		hg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
Dibenz[a,h]anthracene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
Dibenzofuran	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
1,2-Dichlorobenzene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
1,3-Dichlorobenzene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
1,4-Dichlorobenzene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
3,3`-Dichiorobenzidine	<10	10	L1	µg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
2,4-Dichlorophenol	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
Diethyl phthalate	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08090068

Lab ID:

08090068-06

Project Name:

BOND & BOND

Project Number: 3917783

Client Sample ID: MW-13

Collection Date: 9/2/2008 5:37:00 PM

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Dimethyl phthalate	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
2,4-Dimethylphenol	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
4,6-Dinitro-2-methylphenol	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
2,4-Dinitrophenol	<20	20		ha\r	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
2,4-Dinitrotoluene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
2,6-Dinitrotoluene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
Fluoranthene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
Fluorene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
Hexachlorobenzene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
Hexachlorobutadiene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	jΗ	1368
Hexachlorocyclopentadiene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
Hexachloroethane	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
Indeno[1,2,3-cd]pyrene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
Isophorone	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
2-Methylnaphthalene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
2-Methylphenol	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
4-Methylphenol	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
N-Nitrosodi-n-propylamine	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
N-Nitrosodiphenylamine	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
Naphthalene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
Nitrobenzene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
2-Nitrophenol	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
4-Nitrophenol	<10	10		hg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
Pentachlorophenol	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
Phenanthrene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
Phenol	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
Pyrene	<10	10	L1	μg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
1,2,4-Trichlorobenzene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
2,4,6-Trichlorophenol	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
2-Chlorophenol-d4(Surrogate)	70	21-123		%REC	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
1,2-Dichlorobenzene-d4(Surrogate)	76	27-126		%REC	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
2-Fluorobiphenyl(Surrogate)	75	29-131		%REC	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
2-Fluorophenol(Surrogate)	43	17-78		%REC	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
Nitrobenzene-d5(Surrogate)	78	26-131		%REC	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
Phenol-d6(Surrogate)	29	17-53		%REC	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
4-Terphenyl-d14(Surrogate)	42	13-124		%REC	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
2,4,6-Tribromophenol(Surrogate)	80	30-140		%REC	1.0	SW8270C	9/9/08	9/16/08 20:34	JH	1368
	PLETTI A A	PRE	P METHOD:	SW5030B		-7-M1-M-1	· · · · · · · · · · · · · · · · · · ·			med By: AZ0133
Acetone	<20	20		µg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
Benzene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
Bromobenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
Bromochioromethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
				r.o			, ar i	5,0,00 11,20	⊏r svi	NOVVOVA



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order: 08090068

Lab ID:

08090068-06

Project Name:

BOND & BOND

Project Number: 3917783

Client Sample ID: MW-13

Matrix: Water

Collection Date: 9/2/2008 5:37:00 PM

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Bromodichloromethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
Bromoform	<1.0	1.0		μg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
Bromomethane	<5.0	5.0		μg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
2-Butanone	<5.0	5.0		μg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
n-Butylbenzene	<2.5	2.5		µg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
sec-Butylbenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
tert-Butylbenzene	<2.5	2.5		μg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
Carbon disulfide	<0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
Carbon tetrachloride	<0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
Chlorobenzene	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
Dibromochloromethane	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
Chloroethane	<5.0	5.0		µg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
Chloroform	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
Chloromethane	<5.0	5.0		μg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
2-Chlorotoluene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
4-Chiorotoluene	<2.0	2.0		μg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
1,2-Dibromo-3-chloropropane	<2.0	2.0		μg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
1,2-Dibromoethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
Dibromomethane	<0.50	0.50		hâ/r	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
1,2-Dichlorobenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
1,3-Dichlorobenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
1,4-Dichlorobenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
Dichlorodifluoromethane	<2.0	2.0		µg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
1,1-Dichloroethane	<1.0	1.0		µg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
1,2-Dichloroethane	<1.0	1.0	V1	µg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
1,1-Dichloroethene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
cis-1,2-Dichloroethene	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
trans-1,2-Dichloroethene	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
1,2-Dichloropropane	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
1,3-Dichloropropane	<1.0	1.0		μg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
2,2-Dichloropropane	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
1,1-Dichloropropene	<1.0	1.0		µg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
cis-1,3-Dichloropropene	<1.0	1.0		μg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
trans-1,3-Dichloropropene	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
Ethylbenzene	<2.0	2.0		μg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
Hexachlorobutadiene	<5.0	5.0		μg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
2-Hexanone	<5.0	5.0		μg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
lodomethane	<2.0	2.0		μg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
Isopropylbenzene	<2.5	2.5		µg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
4-isopropyltoluene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
Methylene chloride	<3.0	3.0		μg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
4-Methyl-2-pentanone	<5.0	5.0		μg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
Methyl tert-butyl ether	<2.0	2.0		μg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08090068

Lab ID:

08090068-06

**Project Name:** 

BOND & BOND

Project Number: 3917783

Client Sample ID: MW-13

Collection Date: 9/2/2008 5:37:00 PM

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Naphthalene	<5.0	5.0		µg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
n-Propylbenzene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
Styrene	<1.0	1.0		μg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
1,1,1,2-Tetrachloroethane	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
1,1,2,2-Tetrachloroethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
Tetrachloroethene	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
Toluene	<2.0	2.0		μg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
1,2,3-Trichlorobenzene	<5.0	5.0		µg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
1,2,4-Trichlorobenzene	<5.0	5.0		μg/L	1.0	SW8260B	A\/A	9/8/08 17:20	EFM	R080908A
1,1,1-Trichloroethane	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
1,1,2-Trichloroethane	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
Trichloroethene	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
Trichlorofluoromethane	<2.0	2.0	L1	μg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
1,2,3-Trichloropropane	<1.0	1.0		µg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
1,2,4-Trimethylbenzene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
1,3,5-Trimethylbenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
Vinyl acetate	<5.0	5.0		µg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
Vinyl chloride	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
Xylenes, Total	<3.0	3.0		µg/L	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
4-Bromofluorobenzene(Surrogate)	100	64-123		%REC	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
Dibromofluoromethane(Surrogate)	96	59-123		%REC	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
1,2-Dichloroethane-d4(Surrogate)	96	57-125		%REC	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A
Toluene-d8(Surrogate)	95	66-124		%REC	1.0	SW8260B	N/A	9/8/08 17:20	EFM	R080908A



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08090068

Lab ID:

08090068-07

Project Name:

BOND & BOND

Project Number: 3917783

Client Sample ID: MW-14

**Collection Date:** 9/2/2008 3:34:00 PM

Analyte	Result	PQI	L Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Batch ID
Name of the state		P	REP METHOD:	SW3510C					Test Perfo	rmed By: AZ0133
C13-C22 DRO	180	100	T5,H4	µg/L	1.0	8015B	9/18/08	9/20/08 3:29	LB	1459
C23-C32 ORO	110	100	T5,H4	µg/L	1.0	8015B	9/18/08	9/20/08 3:29	LB	1459
o-Terphenyl(Surrogate)	77	35-141	H4, N1	%REC	1.0	8015B	9/18/08	9/20/08 3:29	LB	1459
		Pi	REP METHOD:	SW3010A					Test Perfo	rmed By: AZ0133
Lead, Dissolved	<0.010	0.010		mg/L	1.0	SW6010B	9/10/08	9/19/08 19:32	MDD	1386
		PI	REP METHOD:	SW3510C		***************************************		·····	Test Perfo	rmed By: AZ0133
Acenaphthene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
Acenaphthylene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
Anthracene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
Azobenzene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
Benz[a]anthracene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
Benzo[a]pyrene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
Benzo[b]fluoranthene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
Benzo[g,h,i]perylene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
Benzo[k]fluoranthene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
Benzoic acid	<50	50		µg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
Benzyl alcohol	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
Bis(2-chloroethoxy)methane	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
Bis(2-chloroethyl)ether	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
Bis(2-chloroisopropyl)ether	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
Bis(2-ethylhexyl)phthalate	<10	10	V1	μg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
4-Bromophenyl phenyl ether	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
Butyl benzyl phthalate	<10	10	V1	μg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
4-Chloro-3-methylphenol	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
4-Chloroaniline	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
2-Chloronaphthalene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
2-Chlorophenol	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
4-Chlorophenyl phenyl ether	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
Chrysene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
Di-n-butyl phthalate	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
Di-n-octyl phthalate	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
Dibenz[a,h]anthracene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
Dibenzofuran	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
1,2-Dichlorobenzene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
1,3-Dichlorobenzene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
1,4-Dichlorobenzene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
3,3'-Dichlorobenzidine	<10	10	L1	μg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
2,4-Dichlorophenol	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
Diethyl phthalate	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08090068

Lab ID:

08090068-07

Project Name:

BOND & BOND

Project Number: 3917783

Client Sample ID: MW-14

**Collection Date:** 9/2/2008 3:34:00 PM

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Dimethyl phthalate	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
2,4-Dimethylphenol	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
4,6-Dinitro-2-methylphenol	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
2,4-Dinitrophenol	<20	20		μg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
2,4-Dinitrotoluene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
2,6-Dinitrotoluene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
Fluoranthene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
Fluorene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
Hexachlorobenzene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
Hexachlorobutadiene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
Hexachlorocyclopentadiene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
Hexachloroethane	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
Indeno[1,2,3-cd]pyrene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
Isophorone	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	jΗ	1368
2-Methylnaphthalene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
2-Methylphenol	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
4-Methylphenol	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
N-Nitrosodi-n-propylamine	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
N-Nitrosodiphenylamine	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
Naphthalene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
Nitrobenzene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
2-Nitrophenol	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
4-Nitrophenol	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
Pentachlorophenol	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
Phenanthrene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
Phenol	<10	10		µg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	1H	1368
Pyrene	<10	10	L1	μg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
1,2,4-Trichlorobenzene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
2,4,6-Trichlorophenol	<10	10		μg/L	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
2-Chlorophenol-d4(Surrogate)	65	21-123		%REC	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
1,2-Dichlorobenzene-d4(Surrogate)	71	27-126		%REC	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
2-Fluorobiphenyl(Surrogate)	70	29-131		%REC	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
2-Fluorophenol(Surrogate)	40	17-78		%REC	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
Nitrobenzene-d5(Surrogate)	72	26-131		%REC	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
Phenol-d6(Surrogate)	27	17-53		%REC	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
4-Terphenyl-d14(Surrogate)	43	13-124		%REC	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
2,4,6-Tribromophenol(Surrogate)	73	30-140		%REC	1.0	SW8270C	9/9/08	9/16/08 21:27	JH	1368
		PREF	METHOD:	SW5030B					Test Perfor	med By: AZ0133
Acetone	<20	20		µg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
Benzene	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
Bromobenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
Bromochloromethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08090068

Lab ID:

08090068-07

Project Name:

BOND & BOND

Project Number: 3917783

Client Sample ID: MW-14

Collection Date: 9/2/2008 3:34:00 PM

	ъ.					Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Bromodichloromethane	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
Bromoform	<1.0	1.0		µg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
Bromomethane	<5.0	5.0		µg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
2-Butanone	<5.0	5.0		µg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
n-Butylbenzene	<2.5	2.5		μg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
sec-Butylbenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
tert-Butylbenzene	<2.5	2.5		µg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
Carbon disulfide	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
Carbon tetrachloride	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
Chlorobenzene	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
Dibromochioromethane	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
Chloroethane	<5.0	5.0		μg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
Chloroform	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
Chloromethane	<5.0	5.0		μg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
2-Chlorotoluene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
4-Chlorotoluene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
1,2-Dibromo-3-chloropropane	<2.0	2.0		µg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
1,2-Dibromoethane	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
Dibromomethane	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
1,2-Dichlorobenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
1,3-Dichlorobenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
1,4-Dichlorobenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
Dichlorodifluoromethane	<2.0	2.0		µg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
1,1-Dichloroethane	<1.0	1.0		µg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
1,2-Dichloroethane	<1.0	1.0	V1	μg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
1,1-Dichloroethene	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
cis-1,2-Dichloroethene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
trans-1,2-Dichloroethene	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
1,2-Dichloropropane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
1,3-Dichloropropane	<1.0	1.0		μg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
2,2-Dichloropropane	< 0.50	0.50		μg/L	1,0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
1,1-Dichloropropene	<1.0	1.0		µg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
cis-1,3-Dichloropropene	<1.0	1.0		µg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
trans-1,3-Dichloropropene	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
Ethylbenzene	<2.0	2.0		μg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
Hexachlorobutadiene	<5.0	5.0		µg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
2-Hexanone	<5.0	5.0		μg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
lodomethane	<2.0	2.0		μg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
Isopropylbenzene	<2.5	2.5		μg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
4-Isopropyltoluene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
Methylene chloride	<3.0	3.0		μg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
4-Methyl-2-pentanone	<5.0	5.0		⊬ş/L µg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
Methyl tert-butyl ether	<2.0	2.0		h8/r	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
· · ·				r-9, <del>-</del>					₩ £ ₹¥1	



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08090068

Lab ID:

08090068-07

**Project Name:** 

BOND & BOND

Project Number: 3917783

Client Sample ID: MW-14

eneme Sample 1D. MIW-14

Collection Date: 9/2/2008 3:34:00 PM

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Naphthalene	<5.0	5.0		µg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
n-Propylbenzene	<2.0	2.0		μg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
Styrene	<1.0	1.0		μg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
1,1,1,2-Tetrachloroethane	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
1,1,2,2-Tetrachloroethane	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
Tetrachloroethene	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
Toluene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
1,2,3-Trichlorobenzene	<5.0	5.0		µg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
1,2,4-Trichlorobenzene	<5.0	5.0		µg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
1,1,1-Trichloroethane	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
1,1,2-Trichloroethane	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
Trichloroethene	<0.50	0.50		hg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
Trichlorofluoromethane	<2.0	2.0	L1	μg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
1,2,3-Trichloropropane	<1.0	1.0		μg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
1,2,4-Trimethylbenzene	<2.0	2.0		μg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
1,3,5-Trimethylbenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
Vinyl acetate	<5.0	5.0		μg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
Vinyl chloride	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
Xylenes, Total	<3.0	3.0		µg/L	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
4-Bromofluorobenzene(Surrogate)	98	64-123		%REC	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
Dibromofluoromethane(Surrogate)	99	59-123		%REC	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
1,2-Dichloroethane-d4(Surrogate)	100	57-125		%REC	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A
Toluene-d8(Surrogate)	98	66-124		%REC	1.0	SW8260B	N/A	9/8/08 17:42	EFM	R080908A



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Client Sample ID: MW-15

Work Order:

08090068

Collection Date: 9/2/2008 3:58:00 PM

Lab ID: Project Name: 08090068-08 BOND & BOND

Matrix: Water

Project Number: 3917783

Analyte	Result	PQ	L Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Batch ID
		ļ	PREP METHOD:	SW3510C					Test Perfo	rmed By: AZ0133
C13-C22 DRO	5700	110	T5,H4,D2	hg/L	1.1	8015B	9/18/08	9/20/08 4:12	LB	1459
C23-C32 ORO	220	110	T5,H4,D2	μg/L	1.1	8015B	9/18/08	9/20/08 4:12	LB	1459
o-Terphenyl(Surrogate)	68	35-141	H4, N1	%REC	1.1	8015B	9/18/08	9/20/08 4:12	LB	1459
77,474		F	REP METHOD:	SW3010A					Test Perfo	rmed By: AZ0133
Lead, Dissolved	<0.010	0.010		mg/L	1.0	SW6010B	9/10/08	9/19/08 19:35	MDD	1386
		F	REP METHOD:	SW3510C					Test Perfo	rmed By: AZ0133
Acenaphthene	<100	100	D1	µg/L	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
Acenaphthylene	<100	100	D1	μg/L	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
Anthracene	<100	100	D1	μg/L	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
Azobenzene	<100	100	D1	µg/L	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
Benz[a]anthracene	<100	100	D1	µg/L	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
Benzo[a]pyrene	<100	100	D1	μg/L	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
Benzo[b]fluoranthene	<100	100	D1	μg/L	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
Benzo[g,h,i]perylene	<100	100	D1	μg/L	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
Benzo[k]fluoranthene	<100	100	D1	μg/L	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
Benzoic acid	<500	500	D1	μg/L	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
Benzyl alcohol	<100	100	D1	μg/L	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
Bis(2-chloroethoxy)methane	<100	100	D1	μg/L	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
Bis(2-chloroethyl)ether	<100	100	D1	μg/L	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
Bls(2-chloroisopropyl)ether	<100	100	D1	μg/L	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
Bis(2-ethylhexyl)phthalate	<100	100	D1	µg/L	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
4-Bromophenyl phenyl ether	<100	100	D1	μg/L	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
Butyl benzyl phthalate	<100	100	D1	μg/L	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
4-Chioro-3-methylphenol	<100	100	D1	μg/L	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
4-Chloroaniline	<100	100	D1	μg/L	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
2-Chloronaphthalene	<100	100	D1	μg/L	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
2-Chlorophenol	<100	100	D1	μg/L	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
4-Chlorophenyl phenyl ether	<100	100	D1	μg/L	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
Chrysene	<100	100	D1	μg/L	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
Di-n-butyl phthalate	<100	100	D1	μg/L	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
Di-n-octyl phthalate	<100	100	D1	μg/L	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
Dibenz[a,h]anthracene	<100	100	D1	hã/r	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
Dibenzofuran	<100	100	D1	μg/L	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
1,2-Dichlorobenzene	<100	100	D1	µg/L	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
1,3-Dichlorobenzene	<100	100	D1	µg/L	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
1,4-Dichlorobenzene	<100	100	D1	µg/L	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
3,3'-Dichlorobenzidine	<100	100	D1,L1	hã/r	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
2,4-Dichlorophenol	<100	100	D1	µg/L	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
Diethyl phthalate	<100	100	D1	hã/r	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order: Lab ID:

08090068

**Project Name:** 

08090068-08

BOND & BOND Project Number: 3917783

Client Sample ID: MW-15

Collection Date: 9/2/2008 3:58:00 PM

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Dimethyl phthalate	<100	100	D1	µg/L	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
2,4-Dimethylphenol	<100	100	D1	µg/L	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
4,6-Dinitro-2-methylphenol	<100	100	D1	µg/L	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
2,4-Dinitrophenol	<200	200	D1	µg/L	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
2,4-Dinitrotoluene	<100	100	D1	μg/L	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
2,6-Dinitrotoluene	<100	100	D1	µg/L	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
Fluoranthene	<100	100	D1	µg/L	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
Fluorene	<100	100	D1	μg/L	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
Hexachlorobenzene	<100	100	D1	μg/L	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
Hexachlorobutadiene	<100	100	D1	μg/L	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
Hexachlorocyclopentadiene	<100	100	D1	µg/L	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
Hexachloroethane	<100	100	D1	µg/L	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
Indeno[1,2,3-cd]pyrene	<100	100	D1	µg/L	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
Isophorone	<100	100	D1	µg/L	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
2-Methylnaphthalene	<100	100	D1	µg/L	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
2-Methylphenol	<100	100	D1	μg/L	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
4-Methylphenol	<100	100	D1	μg/L	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
N-Nitrosodi-n-propylamine	<100	100	D1	µg/L	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
N-Nitrosodiphenylamine	<100	100	D1	µg/L	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
Naphthalene	<100	100	D1	μg/L	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
Nitrobenzene	<100	100	D1	µg/L	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
2-Nitrophenol	<100	100	D1	µg/L	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
4-Nitrophenol	<100	100	D1	µg/L	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
Pentachlorophenol	<100	100	D1	μg/L	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
Phenanthrene	<100	100	D1	μg/L	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
Phenol	<100	100	D1	µg/L	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
Pyrene	<100	100	D1,L1	µg/L	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
1,2,4-Trichlorobenzene	<100	100	D1	μg/L	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
2,4,6-Trichlorophenol	<100	100	D1	µg/L	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
2-Chlorophenol-d4(Surrogate)	55	21-123		%REC	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
1,2-Dichlorobenzene-d4(Surrogate)	64	27-126		%REC	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
2-Fluorobiphenyl(Surrogate)	65	29-131		%REC	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
2-Fluorophenol(Surrogate)	36	17-78		%REC	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
Nitrobenzene-d5(Surrogate)	59	26-131		%REC	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
Phenol-d6(Surrogate)	21	17-53		%REC	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
4-Terphenyl-d14(Surrogate)	29	13-124		%REC	10	SW8270C	9/9/08	9/22/08 17:53	JΗ	1368
2,4,6-Tribromophenol(Surrogate)	43	30-140		%REC	10	SW8270C	9/9/08	9/22/08 17:53	JH	1368
AAA		PRE	P METHOD:	SW5030B	***************************************				Test Perfor	med By: AZ0133
Acetone	<20	20		µg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
Benzene	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
Bromobenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
Bromochloromethane	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A



Client Sample ID: MW-15

Collection Date: 9/2/2008 3:58:00 PM

Matrix: Water

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08090068

Lab ID:

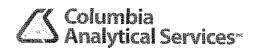
08090068-08

Project Name:

Project Number: 3917783

BOND & BOND

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Bromodichloromethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
Bromoform	<1.0	1.0		µg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
Bromomethane	<5.0	5.0		μg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
2-Butanone	<5.0	5.0		µg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
n-Butylbenzene	<2.5	2.5		μg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
sec-Butylbenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
tert-Butylbenzene	<2.5	2.5		μg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
Carbon dísulfide	0.78	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
Carbon tetrachloride	<0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
Chlorobenzene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
Dibromochloromethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
Chloroethane	<5.0	5.0		µg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
Chloroform	<0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
Chloromethane	<5.0	5.0		µg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
2-Chlorotoluene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
4-Chlorotoluene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
1,2-Dibromo-3-chloropropane	<2.0	2.0		µg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
1,2-Dibromoethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
Dibromomethane	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
1,2-Dichlorobenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
1,3-Dichlorobenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
1,4-Dichlorobenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
Dichlorodifluoromethane	<2.0	2.0		μg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
1,1-Dichloroethane	<1.0	1.0		µg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
1,2-Dichloroethane	<1.0	1.0	V1	µg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
1,1-Dichloroethene	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
cis-1,2-Dichloroethene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
trans-1,2-Dichloroethene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
1,2-Dichloropropane	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
1,3-Dichloropropane	<1.0	1.0		μg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
2,2-Dichloropropane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
1,1-Dichloropropene	<1.0	1.0		μg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
cis-1,3-Dichloropropene	<1.0	1.0		μg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
trans-1,3-Dichloropropene	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
Ethylbenzene	<2.0	2.0		μg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
Hexachlorobutadiene	<5.0	5.0		μg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
2-Hexanone	<5.0	5.0		µg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
lodomethane	<2.0	2.0		μg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
Isopropylbenzene	<2.5	2.5		μg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
4-Isopropyltoluene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
Methylene chloride	<3.0	3.0		μg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
4-Methyl-2-pentanone	<5.0	5.0		μg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
Methyl tert-butyl ether	<2.0	2.0		µg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
				. •					-1 ***	



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08090068

Lab ID:

08090068-08

Project Name:

BOND & BOND

Project Number: 3917783

Client Sample ID: MW-15

Collection Date: 9/2/2008 3:58:00 PM

						Test	Date	Date		
Analyte R	esult	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Naphthalene	<5.0	5.0		µg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
n-Propylbenzene	<2.0	2.0		μg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
Styrene	<1.0	1.0		μg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
1,1,1,2-Tetrachloroethane	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
1,1,2,2-Tetrachloroethane	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
Tetrachloroethene	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
Toluene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
1,2,3-Trichlorobenzene	<5.0	5.0		μg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
1,2,4-Trichlorobenzene	<5.0	5.0		µg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
1,1,1-Trichloroethane	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
1,1,2-Trichloroethane	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
Trichloroethene	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
Trichlorofluoromethane	<2.0	2.0	L1	μg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
1,2,3-Trichloropropane	<1.0	1.0		μg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
1,2,4-Trimethylbenzene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
1,3,5-Trimethylbenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
Vinyl acetate	<5.0	5.0		hã/r	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
Vinyl chloride	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
Xylenes, Total	<3.0	3.0		µg/L	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
4-Bromofluorobenzene(Surrogate)	98	64-123		%REC	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
Dibromofluoromethane(Surrogate)	98	59-123		%REC	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
1,2-Dichloroethane-d4(Surrogate)	98	57-125		%REC	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A
Toluene-d8(Surrogate)	97	66-124		%REC	1.0	SW8260B	N/A	9/8/08 18:03	EFM	R080908A



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08090068

Lab ID:

08090068-09

**Project Name:** 

BOND & BOND

Project Number: 3917783

Client Sample ID: MW-16

Collection Date: 9/2/2008 4:28:00 PM

Analyte	Result	PQI	_ Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Batch ID	
		Pi	REP METHOD:	SW3510C			W/P->-		Test Perfo	rmed By: AZ0133	
C13-C22 DRO	340	100	T5,H4	µg/L	1.0	8015B	9/18/08	9/20/08 4:56	LB	1459	
C23-C32 ORO	<100	100	T5,H4	µg/L	1.0	8015B	9/18/08	9/20/08 4:56	LB	1459	
o-Terphenyl(Surrogate)	74	35-141	H4, N1	%REC	1.0	80158	9/18/08	9/20/08 4:56	LB	1459	
		PI	REP METHOD:	SW3010A				Test Performed By: AZ			
Lead, Dissolved	<0.010	0.010		mg/L	1.0	SW6010B	9/10/08	9/19/08 19:39	MDD	1386	
		PI	REP METHOD:	SW3510C	****			.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Test Perfo	rmed By: AZ0133	
Acenaphthene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368	
Acenaphthylene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368	
Anthracene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368	
Azobenzene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368	
Benz[a]anthracene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368	
Benzo[a]pyrene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368	
Benzo[b]fluoranthene	<10	10		hg/r	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368	
Benzo[g,h,i]perylene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368	
Benzo[k]fluoranthene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368	
Benzoic acid	<50	50		µg/L	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368	
Benzyl alcohol	<10	10		μg/L	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368	
Bis(2-chloroethoxy)methane	<10	10		μg/L	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368	
Bis(2-chloroethyl)ether	<10	10		µg/L	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368	
Bis(2-chloroisopropyl)ether	<10	10		µg/L	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368	
Bis(2-ethylhexyl)phthalate	<10	10		µg/L	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368	
4-Bromophenyl phenyl ether	<10	10		μg/L	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368	
Butyl benzyl phthalate	<10	10		µg/L	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368	
4-Chloro-3-methylphenol	<10	10		μg/L	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368	
4-Chloroaniline	<10	10		μg/L	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368	
2-Chloronaphthalene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368	
2-Chlorophenol	<10	10		µg/L	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368	
4-Chlorophenyl phenyl ether	<10	10		µg/L	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368	
Chrysene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368	
Di-n-butyl phthalate	<10	10		μg/L	1.0	SW8270C	9/9/08	9/18/08 15:49	jΗ	1368	
Di-n-octyl phthalate	<10	10		μg/L	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368	
Dibenz[a,h]anthracene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368	
Dibenzofuran	<10	10		µg/L	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368	
1,2-Dichlorobenzene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368	
1,3-Dichlorobenzene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/18/08 15:49	JH .	1368	
1,4-Dichlorobenzene	<10	10		hâ\r ha\r	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368	
3,3'-Dichlorobenzidine	<10	10	L1	µg/L	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368	
2,4-Dichlorophenol	<10	10		hâ\r hâ\r	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368	
Diethyl phthalate	<10	10		µg/L	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368	



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08090068

Lab ID:

08090068-09

Project Name:

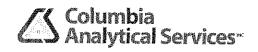
BOND & BOND

Project Number: 3917783

Client Sample ID: MW-16

Collection Date: 9/2/2008 4:28:00 PM

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Dimethyl phthalate	<10	10		µg/L	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368
2,4-Dimethylphenol	<10	10		μg/L	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368
4,6-Dinitro-2-methylphenol	<10	10		μg/L	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368
2,4-Dinitrophenol	<20	20		μg/L	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368
2,4-Dinitrotoluene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368
2,6-Dinitrotoluene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368
Fluoranthene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368
Fluorene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368
Hexachlorobenzene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368
Hexachlorobutadiene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368
Hexachlorocyclopentadiene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368
Hexachloroethane	<10	10		μg/L	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368
Indeno[1,2,3-cd]pyrene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368
Isophorone	<10	10		μg/L	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368
2-Methylnaphthalene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368
2-Methylphenol	<10	10		μg/L	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368
4-Methylphenol	<10	10		μg/L	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368
N-Nitrosodi-n-propylamine	<10	10		μg/L	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368
N-Nitrosodiphenylamine	<10	10		µg/L	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368
Naphthalene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368
Nitrobenzene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368
2-Nitrophenol	<10	10		μg/L	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368
4-Nitrophenol	<10	10		µg/L	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368
Pentachlorophenol	<10	10		μg/L	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368
Phenanthrene	<10	10		µg/L	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368
Phenol	<10	10		μg/L	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368
Pyrene	<10	10	L1	μg/L	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368
1,2,4-Trichlorobenzene	<10	10		μg/L	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368
2,4,6-Trichlorophenol	<10	10		μg/L	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368
2-Chlorophenol-d4(Surrogate)	65	21-123		%REC	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368
1,2-Dichlorobenzene-d4(Surrogate)	70	27-126		%REC	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368
2-Fluorobiphenyl(Surrogate)	70	29-131		%REC	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368
2-Fluorophenol(Surrogate)	39	17-78		%REC	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368
Nitrobenzene-d5(Surrogate)	67	26-131		%REC	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368
Phenol-d6(Surrogate)	24	17-53		%REC	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368
4-Terphenyl-d14(Surrogate)	43	13-124		%REC	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368
2,4,6-Tribromophenol(Surrogate)	76	30-140		%REC	1.0	SW8270C	9/9/08	9/18/08 15:49	JH	1368
		PREJ	P METHOD:	SW5030B				711/2	Test Perfor	rmed By: AZ0133
Acetone	<20	20		μg/L	1.0	SW8260B	N/A	9/8/08 18:25	EFM	R080908A
Benzene	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 18:25	EFM	R080908A
Bromobenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	9/8/08 18:25	EFM	R080908A
Bromochloromethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 18:25	EFM	R080908A



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08090068

Lab ID:

08090068-09

Project Name:

BOND & BOND

Project Number: 3917783

Client Sample ID: MW-16

Collection Date: 9/2/2008 4:28:00 PM

Analyte   Result   PQL   Qual   Units   DF   Code   Prepared   Analyzed   Analyst   Batch I	D
Bromodichloromethane         <0.50	
Bromoform         <1.0         1.0         μg/L         1.0         SW8260B         N/A         9/8/08 18:25         EFM         R080908A           Bromomethane         <5.0	
Bromomethane         < 5.0         5.0         μg/L         1.0         SW8260B         N/A         9/8/08 18:25         EFM         R080908A           2-Butanone         < 5.0	
2-Butanone	
n-Butylbenzene         <2.5         2.5         μg/L         1.0         SW8260B         N/A         9/8/08 18:25         EFM         R080908A           sec-Butylbenzene         <1.5	
sec-Butylbenzene     <1.5     1.5     µg/L     1.0     SW8260B     N/A     9/8/08 18:25     EFM     R080908A       tert-Butylbenzene     <2.5	
tert-Butylbenzene <2.5 2.5 µg/L 1.0 SW8260B N/A 9/8/08 18:25 EFM R080908A	
Carbon Roullida	
Carbon disulfide <0.50 0.50 µg/L 1.0 SW8260B N/A 9/8/08 18:25 EFM R080908A	
Carbon tetrachloride <0.50 0.50 µg/L 1.0 SW8260B N/A 9/8/08 18:25 EFM R080908A	
Chlorobenzene <0.50 0.50 µg/L 1.0 SW8260B N/A 9/8/08 18:25 EFM R080908A	
Dibromochloromethane <0.50 0.50 μg/L 1.0 SW8260B N/A 9/8/08 18:25 EFM R080908A	
Chloroethane <5.0 5.0 µg/L 1.0 SW8260B N/A 9/8/08 18:25 EFM R080908A	
Chloroform <0.50 0.50 µg/L 1.0 SW8260B N/A 9/8/08 18:25 EFM R080908A	
Chloromethane <5.0 5.0 μg/L 1.0 SW8260B N/A 9/8/08 18:25 EFM R080908A	
2-Chlorotoluene <1.5 1.5 µg/L 1.0 SW8260B N/A 9/8/08 18:25 EFM R080908A	
4-Chlorotoluene <2.0 2.0 µg/L 1.0 SW8250B N/A 9/8/08 18:25 EFM R080908A	
1,2-Dibromo-3-chloropropane <2.0 2.0 µg/L 1.0 SW8260B N/A 9/8/08 18:25 EFM R080908A	
1,2-Dibromoethane <0.50 0.50 µg/L 1.0 SW8260B N/A 9/8/08 18:25 EFM R08090BA	
Dibromomethane <0.50 0.50 µg/L 1.0 SW8260B N/A 9/8/08 18:25 EFM R080908A	
1,2-Dichlorobenzene <1.5 1.5 µg/L 1.0 SW8260B N/A 9/8/08 18:25 EFM R080908A	
1,3-Dichlorobenzene <1.5 1.5 µg/L 1.0 SW8260B N/A 9/8/08 18:25 EFM R080908A	
1,4-Dichlorobenzene <1.5 1.5 µg/L 1.0 SW8260B N/A 9/8/08 18:25 EFM R080908A	
Dichlorodifluoromethane <2.0 2.0 μg/L 1.0 SW8260B N/A 9/8/98 18:25 EFM R086908A	
1,1-Dichloroethane <1.0 1.0 µg/L 1.0 SW8260B N/A 9/8/08 18:25 EFM R080908A	
1,2-Dichloroethane <1.0 1.0 V1 µg/L 1.0 SW8260B N/A 9/8/08 18:25 EFM R080908A	
1,1-Dichloroethene <0.50 0.50 µg/L 1,0 SW8260B N/A 9/8/08 18:25 EFM R080908A	
cis-1,2-Dichloroethene <0.50 0.50 µg/L 1.0 \$W8260B N/A 9/8/08 18:25 EFM R080908A	
trans-1,2-Dichloroethene <0.50 0.50 µg/L 1.0 SW8260B N/A 9/8/08 18:25 EFM R080908A	
1,2-Dichloropropane <0.50 0.50 µg/L 1.0 SW8260B N/A 9/8/08 18:25 EFM R080908A	
1,3-Dichloropropane <1.0 1.0 µg/L 1.0 SW8260B N/A 9/8/08 18:25 EFM R080908A	
2,2-Dichloropropane <0.50 0.50 µg/L 1.0 SW8260B N/A 9/8/08 18:25 EFM R080908A	
1,1-Dichloropropene <1.0 1.0 µg/L 1.0 SW8260B N/A 9/8/08 18:25 EFM R080908A	
cis-1,3-Dichloropropene <1.0 1.0 µg/L 1.0 SW8260B N/A 9/8/08 18:25 EFM R080908A	
trans-1,3-Dichloropropene <0.50 0.50 µg/L 1.0 SW8260B N/A 9/8/08 18:25 EFM R080908A	
Ethylbenzene <2.0 2.0 μg/L 1.0 SW8260B N/A 9/8/08 18:25 EFM R080908Α	
Hexachlorobutadiene <5.0 5.0 µg/L 1.0 SW8260B N/A 9/8/08 18:25 EFM R080908A	
2-Hexanone <5.0 5.0 µg/L 1.0 SW8260B N/A 9/8/08 18:25 EFM R080908A	
lodomethane <2.0 2.0 µg/L 1.0 SW8260B N/A 9/8/08 18:25 EFM R080908A	
Isopropylbenzene <2.5 2.5 µg/L 1.0 SW8260B N/A 9/8/08 18:25 EFM R080908A	
4-isopropyltoluene <1.5 1.5 µg/L 1.0 SW8260B N/A 9/8/08 18:25 EFM R080908A	
Methylene chloride <3.0 3.0 μg/L 1.0 SW8260B N/A 9/8/08 18:25 EFM R080908A	
4-Methyl-2-pentanone <5.0 5.0 µg/L 1.0 SW8260B N/A 9/8/08 18:25 EFM R080908A	
Methyl tert-butyl ether <2.0 2.0 µg/L 1.0 SW8260B N/A 9/8/08 18:25 EFM R080908A	



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08090068

Lab ID:

08090068-09

Project Name:

BOND & BOND

Project Number: 3917783

Client Sample ID: MW-16

Collection Date: 9/2/2008 4:28:00 PM

	<b>.</b>					Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Naphthalene	<5.0	5.0		µg/L	1.0	SW8260B	N/A	9/8/08 18:25	EFM	R080908A
n-Propylbenzene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	9/8/08 18:25	EFM	R080908A
Styrene	<1.0	1.0		μg/L	1.0	SW8260B	N/A	9/8/08 18:25	EFM	R080908A
1,1,1,2-Tetrachloroethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 18:25	EFM	R080908A
1,1,2,2-Tetrachloroethane	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 18:25	EFM	R080908A
Tetrachloroethene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 18:25	EFM	R080908A
Toluene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	9/8/08 18:25	EFM	R080908A
1,2,3-Trichlorobenzene	<5.0	5.0		μg/L	1.0	SW8260B	N/A	9/8/08 18:25	EFM	R080908A
1,2,4-Trichlorobenzene	<5.0	5.0		μg/L	1.0	SW8260B	N/A	9/8/08 18:25	EFM	R080908A
1,1,1-Trichloroethane	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 18:25	EFM	R080908A
1,1,2-Trichloroethane	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	9/8/08 18:25	EFM	R080908A
Trichloroethene	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 18:25	EFM	R080908A
Trichlorofluoromethane	<2.0	2.0	L1	µg/L	1.0	SW8260B	N/A	9/8/08 18:25	EFM	R080908A
1,2,3-Trichloropropane	<1.0	1.0		µg/L	1.0	SW8260B	N/A	9/8/08 18:25	EFM	R080908A
1,2,4-Trimethylbenzene	<2.0	2.0		μg/L	1.0	SW8260B	N/A	9/8/08 18:25	EFM	R080908A
1,3,5-Trimethylbenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	9/8/08 18:25	EFM	R080908A
Vinyl acetate	<5.0	5.0		μg/L	1.0	SW8260B	N/A	9/8/08 18:25	EFM	R080908A
Vinyl chloride	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	9/8/08 18:25	EFM	R080908A
Xylenes, Total	<3.0	3.0		μg/L	1.0	SW8260B	N/A	9/8/08 18:25	EFM	R080908A
4-Bromofluorobenzene(Surrogate)	99	64-123		%REC	1.0	SW8260B	N/A	9/8/08 18:25	EFM	R080908A
Dibromofluoromethane(Surrogate)	100	59-123		%REC	1.0	SW8260B	N/A	9/8/08 18:25	EFM	R080908A
1,2-Dichloroethane-d4(Surrogate)	100	57-125		%REC	1.0	SW8260B	N/A	9/8/08 18:25	EFM	R080908A
Toluene-d8(Surrogate)	101	66-124		%REC	1.0	SW8260B	N/A	9/8/08 18:25	EFM	R080908A



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08090068

Lab ID:

08090068-10

Project Name:

BOND & BOND

Project Number: 3917783

Client Sample ID: TB

Collection Date: 9/2/2008 1:37:00 PM

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Dotah ID
							1 repared	Anaryzeu	Anaryst	Batch ID
		PRE	EP METHOD:	SW5030B					Test Perfo	ormed By: AZ0133
Acetone	<20	20		µg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
Benzene	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
Bromobenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
Bromochloromethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
Bromodichloromethane	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
Bromoform	<1.0	1.0		μg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
Bromomethane	<5.0	5.0		μg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
2-Butanone	<5.0	5.0		µg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
n-Butylbenzene	<2.5	2.5		µg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
sec-Butylbenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
tert-Butylbenzene	<2.5	2.5	V1	μg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
Carbon disulfide	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
Carbon tetrachloride	< 0.50	0.50	V1	μg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
Chlorobenzene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
Dibromochloromethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
Chloroethane	<5.0	5.0		μg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
Chloroform	<0.50	0.50		μg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
Chloromethane	<5.0	5.0		µg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
2-Chlorotoluene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
4-Chlorotoluene	<2.0	2.0		μg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
1,2-Dibromo-3-chloropropane	<2.0	2.0		µg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
1,2-Dibromoethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
Dibromomethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
1,2-Dichlorobenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
1,3-Dichlorobenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
1,4-Dichlorobenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
Dichlorodifluoromethane	<2.0	2.0		µg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
1,1-Dichloroethane	<1.0	1.0		h8/r	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
1.2-Dichloroethane	<1.0	1.0		µg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
1,1-Dichloroethene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
cis-1,2-Dichloroethene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
trans-1,2-Dichloroethene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
1,2-Dichloropropane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
1,3-Dichloropropane	<1.0	1.0			1.0	SW8260B	N/A	9/5/08 11:45		
2,2-Dichloropropane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
1,1-Dichloropropene	<1.0	1.0		µg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
cis-1,3-Dichloropropene	<1.0	1.0		µg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
trans-1,3-Dichloropropene	<0.50	0.50		µg/L	1.0	SW8260B		9/5/08 11:45	EFM	R080905A
Ethylbenzene	<2.0	2.0		µg/L			N/A N/A		EFM	R080905A
Hexachlorobutadiene	<5.0			µg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
2-Hexanone	<5.0	5.0 5.0		µg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
FILONGHOLIC	\0.U	0.0		µg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A



License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08090068

Lab ID:

08090068-10

Project Name:

BOND & BOND

Project Number: 3917783

Client Sample ID: TB

Collection Date: 9/2/2008 1:37:00 PM

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
lodomethane	<2.0	2.0		µg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
Isopropylbenzene	<2.5	2.5		μg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
4-Isopropyltoluene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
Methylene chloride	<3.0	3.0		µg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
4-Methyl-2-pentanone	<5.0	5.0		µg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
Methyl tert-butyl ether	<2.0	2.0		μg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
Naphthalene	<5.0	5.0		μg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
n-Propylbenzene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
Styrene	<1.0	1.0		µg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
1,1,1,2-Tetrachloroethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
1,1,2,2-Tetrachloroethane	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
Tetrachloroethene	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
Toluene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
1,2,3-Trichlorobenzene	<5.0	5.0		µg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
1,2,4-Trichlorobenzene	<5.0	5.0		μg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
1,1,1-Trichloroethane	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
1,1,2-Trichloroethane	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
Trichloroethene	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
Trichlorofluoromethane	<2.0	2.0	V1	μg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
1,2,3-Trichloropropane	<1.0	1.0		µg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
1,2,4-Trimethylbenzene	<2.0	2.0		μg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
1,3,5-Trimethylbenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
Vinyl acetate	<5.0	5.0		µg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
Vinyl chloride	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
Xylenes, Total	<3.0	3.0		µg/L	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
4-Bromofluorobenzene(Surrogate)	99	64-123		%REC	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
Dibromofluoromethane(Surrogate)	96	59-123		%REC	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
1,2-Dichloroethane-d4(Surrogate)	100	57-125		%REC	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A
Toluene-d8(Surrogate)	98	66-124		%REC	1.0	SW8260B	N/A	9/5/08 11:45	EFM	R080905A



30-Sep-08

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08090068

Project: BOND & BOND/3917783

**QC SUMMARY REPORT** 

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Batch ID
C13-C22 DRO	<100	100	T5	µg/L	1	8015B	9/18/08	9/19/08 15:53	LB	1459
C23-C32 ORO	<100	100	T5	μg/L	1	8015B	9/18/08	9/19/08 15:53	LB	1459
o-Terphenyl	84	35-141	N1	%REC	1	8015B	9/18/08	9/19/08 15:53	LB	1459
Dissolved Arsenic	< 0.010	0.010		mg/L	1	SW6010B	9/10/08	9/19/08 18:41	MDD	1386
Dissolved Barium	< 0.010	0.010		mg/L	1	SW6010B	9/10/08	9/19/08 18:41	MDD	1386
Dissolved Cadmium	< 0.0030	0.0030		mg/L	1	SW6010B	9/10/08	9/19/08 18:41	MDD	1386
Dissolved Chromium	< 0.010	0.010		mg/L	1	SW6010B	9/10/08	9/19/08 18:41	MDD	1386
Dissolved Lead	< 0.010	0.010		mg/L	1	SW6010B	9/10/08	9/19/08 18:41	MDD	1386
Dissolved Selenium	< 0.025	0.025		mg/L	1	SW6010B	9/10/08	9/19/08 18:41	MDD	1386
Dissolved Silver	<0.0050	0.0050		mg/L	1	SW6010B	9/10/08	9/19/08 18:41	MDD	1386
Dissolved Mercury	<0.0002	0.0002		mg/L	1	SW7470A	9/10/08	9/10/08 13:55	BJL	1385



30-Sep-08

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08090068

Project:

BOND & BOND/3917783

QC SUMMARY REPORT

i i						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Acenaphthene	<10	10		μg/L	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
Acenaphthylene	<10	10		µg/L	1	SW8270C	9/9/08	9/11/08 14:48	JН	1368
Anthracene	<10	10		μg/L	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
Azobenzene	<10	10		µg/L	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
Benz[a]anthracene	<10	10		μg/L	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
Benzo[a]pyrene	<10	10		µg/L	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
Benzo[b]fluoranthene	<10	10		µg/L	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
Benzo[g,h,i]perylene	<10	10		µg/L	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
Benzo[k]fluoranthene	<10	10		µg/L	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
Benzoic acid	<50	50		µg/L	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
Benzyl alcohol	<10	10		μg/L	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
Bis(2-chloroethoxy)methane	<10	10		µg/L	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
Bis(2-chloroethyl)ether	<10	10		µg/L	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
Bis(2-chloroisopropyl)ether	<10	10		µg/L	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
Bis(2-ethylhexyl)phthalate	<10	10		µg/L	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
4-Bromophenyl phenyl ether	<10	10		µg/L	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
Butyl benzyl phthalate	<10	10		µg/L	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
4-Chloro-3-methylphenol	<10	10		µg/L	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
4-Chloroaniline	<10	10		µg/L	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
2-Chloronaphthalene	<10	10		µg/L	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
2-Chlorophenol	<10	10		μg/L	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
4-Chlorophenyl phenyl ether	<10	10		µg/L	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
Chrysene	<10	10		μg/L	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
Di-n-butyl phthalate	<10	10		μg/L	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
Di-n-octyl phthalate	<10	10		µg/L	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
Dibenz[a,h]anthracene	<10	10		μg/L	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
Dibenzofuran	<10	10		µg/L	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
1,2-Dichlorobenzene	<10	10		µg/L	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
1,3-Dichlorobenzene	<10	10		μg/L	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
1,4-Dichlorobenzene	<10	10		µg/L	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
3,3`-Dichlorobenzidine	<10	10		µg/L	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
2,4-Dichlorophenol	<10	10		µg/L	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
Diethyl phthalate	<10	10		µg/L	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
Dimethyl phthalate	<10	10		µg/L	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
2,4-Dimethylphenol	<10	10		µg/L	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
4,6-Dinitro-2-methylphenol	<10	10		µg/L	1	SW8270C	9/9/08	9/11/08 14:48	J <del>I-l</del>	1368
2,4-Dinitrophenol	<20	20		µg/L	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
2,4-Dinitrotoluene	<10	10		µg/L	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
2,6-Dinitrotoluene	<10	10		µg/L	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
Fluoranthene	<10	10		μg/L	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
Fluorene	<10	10		μg/L	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
Hexachlorobenzene	<10	10		µg/L	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
Hexachlorobutadiene	<10	10		µg/L	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
Hexachlorocyclopentadiene	<10	10		µg/L	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368



30-Sep-08

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08090068

Project:

BOND & BOND/3917783

## QC SUMMARY REPORT

			,			Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Indeno[1,2,3-cd]pyrene	<10	10		µg/L	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
Isophorone	<10	10		µg/L	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
2-Methylnaphthalene	<10	10		µg/L	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
2-Methylphenol	<10	10		μg/L	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
4-Methylphenol	<10	10		µg/L	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
N-Nitrosodi-n-propylamine	<10	10		μg/L	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
N-Nitrosodiphenylamine	<10	10		µg/L	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
Naphthalene	<10	10		µg/L	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
Nitrobenzene	<10	10		μg/L	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
2-Nitrophenol	<10	10		hg/r	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
4-Nitrophenol	<10	10		µg/L	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
Pentachlorophenol	<10	10		μg/L	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
Phenanthrene	<10	10		µg/L	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
Phenol	<10	10		μg/L	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
Pyrene	<10	10		µg/L	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
1,2,4-Trichlorobenzene	<10	10		µg/L	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
2,4,6-Trichlorophenol	<10	10		μg/L	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
2-Chlorophenol-d4	86	21-123		%REC	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
1,2-Dichlorobenzene-d4	88	27-126		%REC	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
2-Fluorobiphenyl	86	29-131		%REC	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
2-Fluorophenol	54	17-78		%REC	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
Nitrobenzene-d5	86	26-131		%REC	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
Phenol-d6	35	17-53		%REC	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
4-Terphenyl-d14	106	13-124		%REC	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368
2,4,6-Tribromophenol	92	30-140		%REC	1	SW8270C	9/9/08	9/11/08 14:48	JH	1368



30-Sep-08

AZM133/AZ0133 License No.

CLIENT:

Bristol Environmental & Engineering

Work Order:

08090068

Project:

BOND & BOND/3917783

QC SUMMARY REPORT

Method Blank Test Date Date Analyte Result **PQL** Qual Units DF Code Prepared Analyzed Analyst Batch ID Acetone <20 20 µg/L 1 SW8260B N/A 9/8/08 9:47 **EFM** R080908A Benzene < 0.50 0.50 µg/L 1 SWR260R N/A 9/8/08 9:47 R080908A **EFM** Bromobenzene <1.5 1.5 µg/L 1 SW8260B N/A 9/8/08 9:47 **EFM** R080908A Bromochloromethane < 0.50 0.50 µg/L SW8260B 1 N/A 9/8/08 9:47 **EFM** R080908A Bromodichloromethane < 0.50 0.50 µg/L SW8260B 1 N/A 9/8/08 9:47 R080908A **EFM** Bromoform <1.0 SW8260B 1.0 μg/L N/A 1 9/8/08 9:47 **EFM** R080908A Bromomethane <5.0 5.0 µg/L SW8260B N/A 9/8/08 9:47 **EFM** R080908A 2-Butanone <5.0 SW8260B 5.0 µg/L 1 N/A 9/8/08 9:47 **EFM** R080908A n-Butylbenzene <2.5 2.5 µg/L 1 SW8260B N/A 9/8/08 9:47 R080908A **EFM** sec-Butylbenzene <1.5 SW8260B 1.5 µg/L 1 N/A 9/8/08 9:47 R080908A **EFM** tert-Butylbenzene <2.5 SW8260B 2.5 µg/L 1 N/A 9/8/08 9:47 **EFM** R080908A Carbon disulfide < 0.50 SW8260B 0.50 µg/L 1 N/A 9/8/08 9:47 **EFM** R080908A Carbon tetrachloride < 0.50 SW8260B 0.50 µg/L 1 N/A 9/8/08 9:47 R080908A **EFM** Chlorobenzene < 0.50 0.50 µg/L 1 SW8260B N/A 9/8/08 9:47 **EFM** R080908A Dibromochloromethane < 0.50 0.50 µg/L 1 SW8260B N/A 9/8/08 9:47 R080908A **EFM** Chloroethane < 5.0 5.0 µg/L SW8260B 1 N/A 9/8/08 9:47 **EFM** R080908A Chloroform < 0.50 0.50 µg/L SW8260B N/A 1 9/8/08 9:47 **EFM** R080908A Chloromethane <5.0 5.0 µg/L 1 SW8260B N/A 9/8/08 9:47 R080908A FFM 2-Chlorotoluene < 1.5 1.5 µg/L 1 SW8260B N/A 9/8/08 9:47 **EFM** R080908A 4-Chiorotoluene <2.0 2.0 µg/L 1 SW8260B N/A 9/8/08 9:47 R080908A FEM 1,2-Dibromo-3-chloropropane < 2.0 2.0 µg/L 1 SW82608 N/A 9/8/08 9:47 **EFM** R080908A 1,2-Dibromoethane < 0.50 0.50 µg/L 1 SW8260B N/A 9/8/08 9:47 **EFM** R080908A Dibromomethane µg/L < 0.50 0.50 SW8260B 1 N/A 9/8/08 9:47 **EFM** R080908A 1,2-Dichlorobenzene <1.5 1.5 µg/L SW8260B N/A 9/8/08 9:47 **EFM** R080908A 1,3-Dichlorobenzene <1.5 1.5 μg/L SW8260B N/A 9/8/08 9:47 **EFM** R080908A 1,4-Dichlorobenzene <1.5 1.5 µg/L 1 SW8260B N/A 9/8/08 9:47 EFM R080908A Dichlorodifluoromethane < 2.0 2.0 µg/L 1 SW8260R N/A 9/8/08 9:47 **EFM** R080908A 1,1-Dichloroethane <1.0 SW8260B 1.0 µg/L 1 N/A 9/8/08 9:47 **EFM** R080908A 1,2-Dichloroethane V1 <1.0 1.0 µg/L 1 SW8260B N/A 9/8/08 9:47 **EFM** R080908A 1,1-Dichloroethene <0.50 0.50 µg/L 1 SW8260E N/A 9/8/08 9:47 **EFM** R080908A cis-1,2-Dichloroethene < 0.50 0.50 μg/L 1 SW8260B N/A 9/8/08 9:47 **EFM** R080908A trans-1,2-Dichloroethene < 0.50 0.50 µg/L 1 SW8260B N/A 9/8/08 9:47 **EFM** R080908A 1,2-Dichloropropane < 0.50 0.50 μg/L 1 SW8260B N/A 9/8/08 9:47 **EFM** R080908A 1,3-Dichloropropane <1.0 1.0 µg/L 1 SW8260B N/A 9/8/08 9:47 **EFM** R080908A 2,2-Dichloropropane < 0.50 0.50 SW8260B µg/L 1 N/A 9/8/08 9:47 **EFM** R080908A 1,1-Dichloropropene <1.0 1.0 µg/L 1 SW8260B N/A 9/8/08 9:47 **EFM** R080908A cis-1,3-Dichloropropene <1.0 1.0 µg/L 1 SW8260B N/A 9/8/08 9:47 **EFM** R080908A trans-1,3-Dichloropropene < 0.50 0.50 µg/L 1 SW8260B N/A 9/8/08 9:47 **EFM** R080908A Ethylbenzene < 2.0 2.0 μg/L 1 SW8260B N/A 9/8/08 9:47 **EFM** R080908A Hexachlorobutadiene <5.0 5.0 μg/L 1 SW8260B N/A 9/8/08 9:47 **EFM** R080908A 2-Hexanone μg/L <5.0 SW8260B 5.0 N/A 1 9/8/08 9:47 **EFM** R080908A lodomethane <2.0 2.0 μg/L 1 SW8260B N/A 9/8/08 9:47 R080908A **FFM** Isopropylbenzene < 2.5 2.5 µg/L 1 SW82608 N/A 9/8/08 9:47 **EFM** R080908A 4-Isopropyltoluene <1.5 1.5 µg/L SW8260B N/A 9/8/08 9:47 **FFM** R080908A Methylene chloride < 3.0 3.0 SW8260B N/A µg/L 1 9/8/08 9:47 **EFM** R080908A



30-Sep-08

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08090068

Project: B

BOND & BOND/3917783

## QC SUMMARY REPORT

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Batch ID	-
4-Methyl-2-pentanone	<5.0	5.0	Q eren	µg/L	1	SW8260B	N/A	9/8/08 9:47	EFM	R080908A	
Methyl tert-butyl ether	<2.0	2.0		µg/L	1	SW8260B	N/A	9/8/08 9:47	EFM	R080908A	
Naphthalene	<5.0	5.0		µg/L	1	SW8260B	N/A	9/8/08 9:47	EFM	R080908A	
n-Propylbenzene	<2.0	2.0		µg/L	1	SW8260B	N/A	9/8/08 9:47	EFM	R080908A	
Styrene	<1.0	1.0		μg/L	1	SW8260B	N/A	9/8/08 9:47	EFM	R080908A	
1,1,1,2-Tetrachloroethane	< 0.50	0.50		µg/L	1	SW8260B	N/A	9/8/08 9:47	EFM	R080908A	
1,1,2,2-Tetrachloroethane	<0.50	0.50		µg/L	1	SW8260B	N/A	9/8/08 9:47	EFM	R080900A	
Tetrachloroethene	<0.50	0.50		µg/L	1	SW8260B	N/A	9/8/08 9:47	EFM	R080908A	
Toluene	<2.0	2.0		μg/L	1	SW8260B	N/A	9/8/08 9:47	EFM	R080908A	
1,2,3-Trichlorobenzene	<5.0	5.0		µg/L	1	SW8260B	N/A	9/8/08 9:47	EFM	R080908A	
1,2,4-Trichlorobenzene	<5.0	5.0		µg/L	1	SW8260B	N/A	9/8/08 9:47	EFM	R080908A	
1,1,1-Trichloroethane	<0.50	0.50		µg/L	1	SW8260B	N/A	9/8/08 9:47	EFM	R080908A	
1,1,2-Trichloroethane	<0.50	0.50		µg/L	1	SW8260B	N/A	9/8/08 9:47	EFM	R080908A	
Trichloroethene	<0.50	0.50		μg/L	1	SW8260B	N/A	9/8/08 9:47	EFM	R080908A	
Trichlorofluoromethane	<2.0	2.0		µg/L	1	SW8260B	N/A	9/8/08 9:47	EFM	R080908A	
1,2,3-Trichloropropane	<1.0	1.0		µg/L	1	SW8260B	N/A	9/8/08 9:47	EFM	R080908A	
1,2,4-Trimethylbenzene	<2.0	2.0		µg/L	1	SW8260B	N/A	9/8/08 9:47	EFM	R080908A	
1,3,5-Trimethylbenzene	<1.5	1.5		µg/L	1	SW8260B	N/A	9/8/08 9:47	EFM	R080908A	
Vinyl acetate	<5.0	5.0		μg/L	1	SW8260B	N/A	9/8/08 9:47	EFM	R080908A	
Vinyl chloride	< 0.50	0.50		µg/L	1	SW8260B	N/A	9/8/08 9:47	EFM	R080908A	
Xylenes, Total	<3.0	3.0		μg/L	1	SW8260B	N/A	9/8/08 9:47	EFM	R080908A	
4-Bromofluorobenzene	93	64-123		%REC	1	SW8260B	N/A	9/8/08 9:47	EFM	R080908A	
Dibromofluoromethane	103	59-123		%REC	1	SW8260B	N/A	9/8/08 9:47	EFM	R080908A	
1,2-Dichloroethane-d4	110	57-125		%REC	1	SW8260B	NA	9/8/08 9:47	EFM	R080908A	
Toluene-d8	100	66-124		%REC	1	SW8260B	N/A	9/8/08 9:47	EFM	R080908A	



30-Sep-08

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08090068

Project:

BOND & BOND/3917783

QC SUMMARY REPORT

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Acetone	<20	20		µg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
Benzene	< 0.50	0.50		µg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
Bromobenzene	<1.5	1.5		µg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
Bromochloromethane	< 0.50	0.50		µg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
Bromodichloromethane	< 0.50	0.50		µg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
Bromoform	<1.0	1.0		µg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
Bromomethane	<5.0	5.0		µg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
2-Butanone	<5.0	5.0		µg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
n-Butylbenzene	<2.5	2.5		µg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
sec-Butylbenzene	<1.5	1.5		µg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
tert-Butylbenzene	<2.5	2.5	V1	µg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
Carbon disulfide	< 0.50	0.50		µg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
Carbon tetrachloride	< 0.50	0.50	V1	µg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
Chlorobenzene	< 0.50	0.50		µg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
Dibromochloromethane	<0.50	0.50		µg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
Chloroethane	<4.0	4.0		µg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
Chloroform	<0.50	0.50		μg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
Chloromethane	<5.0	5.0		µg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
2-Chlorotoluene	<1.5	1.5		µg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
4-Chlorotoluene	<2.0	2.0		μg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
1,2-Dibromo-3-chloropropane	<2.0	2.0		μg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
1,2-Dibromoethane	< 0.50	0.50		μg/L	1	SW82608	N/A	9/5/08 9:56	EFM	R080905A
Dibromomethane	< 0.50	0.50		µg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
1,2-Dichlorobenzene	<1.5	1.5		μg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
1,3-Dichlorobenzene	<1.5	1.5		µg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
1,4-Dichlorobenzene	<1.5	1.5		μg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
Dichlorodifluoromethane	<2.0	2.0		μg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
1,1-Dichloroethane	<1.0	1.0		µg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
1,2-Dichloroethane	<1.0	1.0		µg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
1,1-Dichloraethene	< 0.50	0.50		µg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
cis-1,2-Dichloroethene	< 0.50	0.50		µg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
trans-1,2-Dichtoroethene	< 0.50	0.50		µg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
1,2-Dichloropropane	< 0.50	0.50		μg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
1,3-Dichloropropane	<1,0	1.0		μg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
2,2-Dichloropropane	< 0.50	0.50		μg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
1,1-Dichloropropene	<1.0	1.0		µg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
cís-1,3-Dichloropropene	<1.0	1.0		µg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
rans-1,3-Dichloropropene	< 0.50	0.50		µg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
Ethylbenzene	<2.0	2.0		μg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
Hexachlorobutadiene	<5.0	5.0		µg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
2-Hexanone	<5.0	5.0		µg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
odomethane	<2.0	2.0		μg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
sopropylbenzene	<2.5	2.5		µg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
1-Isopropyltoluene	<1.5	1.5		μg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
Vethylene chloride	<3.0	3.0		µg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A



30-Sep-08

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08090068

Project: BOND & BOND/3917783

**QC SUMMARY REPORT** 

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyet	Batch ID
4-Methyl-2-pentanone	<5.0	5.0	<u> </u>	µg/L	1	SW8260B	N/A	9/5/08 9:56	-	
Methyl tert-butyl ether	<2.0	2,0		µg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
Naphthalene	<5.0	5.0		µg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
n-Propylbenzene	<2.0	2.0		µg/L µg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
Styrene	<1.0	1.0		µg/L µg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
1,1,1,2-Tetrachloroethane	<0.50	0,50			1	SW8260B	N/A		EFM	R080905A
1,1,2,2-Tetrachloroethane	<0.50	0.50		µg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
Tetrachloroethene	<0.50	0.50		µg/L	1	SW8260B		9/5/08 9:56	EFM	R080905A
Toluene	<2.0	2.0		μg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
1,2,3-Trichlorobenzene	<2.0 <5.0			µg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
1,2,4-Trichlorobenzene	<5.0 <5.0	5.0 5.0		µg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
1,1,1-Trichloroethane	<0.50			μg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
1,1,2-Trichloroethane		0.50		µg/L	•		N/A	9/5/08 9:56	EFM	R080905A
Trichloroethene	<0.50	0.50		µg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
Trichlorofluoromethane	<0.50	0.50	144	µg/L "	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
	<2.0	2.0	V1	µg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
1,2,3-Trichloropropane	<1.0	1.0		µg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
1,2,4-Trimethylbenzene	<2.0	2.0		μg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
1,3,5-Trimethylbenzene	<1.5	1.5		µg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
Vinyl acetate	<5.0	5.0		µg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
Vinyl chloride	< 0.50	0.50		µg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
Xylenes, Total	<3.0	3.0		μg/L	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
4-Bromofluorobenzene	97	64-123		%REC	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
Dibromofluoromethane	99	59-123		%REC	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
1,2-Dichloroethane-d4	103	57-125		%REC	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
Toluene-d8	98	66-124		%REC	1	SW8260B	N/A	9/5/08 9:56	EFM	R080905A
Aroclor 1016	<1.0	1.0		ug/L	1	SW8082	9/9/08	9/18/08 20:36	TB	1374
Aroclor 1221	<3.0	3.0		ug/L	1	SW8082	9/9/08	9/18/08 20:36	TB	1374
Aroclor 1232	< 2.0	2.0		ug/L	1	SW8082	9/9/08	9/18/08 20:36	ТВ	1374
Aroclor 1242	<1.0	1.0		ug/L	1	SW8082	9/9/08	9/18/08 20:36	TB	1374
Aroclor 1248	<1.0	1.0		ug/L	1	SW8082	9/9/08	9/18/08 20:36	TB	1374
Arodor 1254	<1.0	1.0		ug/L	1	SW8082	9/9/08	9/18/08 20:36	TB	1374
Aroclor 1260	<1.0	1.0		ug/L	1	SW8082	9/9/08	9/18/08 20:36	TB	1374
Decachlorobiphenyl	87	3-156		%REC	1	SW8082	9/9/08	9/18/08 20:36	TB	1374
TCMX	90	3-150		%REC	1	SW8082	9/9/08	9/18/08 20:36	TB	1374



30-Sep-08

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08090068

Project:

BOND & BOND/3917783

## QC SUMMARY REPORT

Sample Matrix Spike

A 1			SPK	SPK	%	Low	High	RPD % RPD
Analyte	Result	PQL	value	Ref Val	Rec	Limit	Limit	Ref Val RPD Limit Qual
Sample ID: 08090068-02E-MS	Batch ID: 13	86		Test	Code: S	W6010B		Date Analyzed: 09/19/08 19:01
Client ID: MW-9				Unit	s: mg/L			Date Prepared: 9/10/08
Dissolved Arsenic	1.12	0.010	1,00		112%	75	125	
Dissolved Barium	1.12	0.010	1.00	0.0824	104%	75	125	
Dissolved Cadmium	1.03	0.0030	1.00		103%	75	125	
Dissolved Chromium	0.993	0.010	1.00		99%	75	125	
Dissolved Lead	1.02	0.010	1.00		102%	75	125	
Dissolved Selenium	1.17	0.025	1.00		117%	75	125	
Dissolved Silver	0.533	0.0050	0.500		107%	75	125	
Sample ID: 08090068-02E-MSD	Batch ID: 13	86	,,,,	Test	Code: S	W6010B		Date Analyzed: 09/19/08 19:05
Client ID: MW-9				Units	s: mg/L			Date Prepared: 9/10/08
Dissolved Arsenic	1.09	0.010	1.00	•••	109%	75	125	1.12 3% 20
Dissolved Barium	1.08	0.010	1.00	0.0824	100%	75	125	1.12 4% 20
Dissolved Cadmium	0.994	0.0030	1.00		99%	75	125	1.03 4% 20
Dissolved Chromium	0.956	0.010	1.00		96%	75	125	0.993 4% 20
Dissolved Lead	0.946	0.010	1.00		95%	75	125	1.02 8% 20
Dissolved Selenium	1.09	0.025	1.00		109%	75	125	1.17 7% 20
Dissolved Silver	0.515	0.0050	0.500		103%	75	125	0.533 3% 20
Sample ID: 08090068-02E-MS	Batch ID: 13	85		Test	Code: S	W7470A		Date Analyzed: 09/10/08 14:00
Client ID: MW-9				Units	g; mg/L			Date Prepared: 9/10/08
Dissolved Mercury	0.00103	0.0002	0.00100		103%	75	125	
Sample ID: 08090068-02E-MSD	Batch ID: 13	85		Test	Code: S	W7470A		Date Analyzed: 09/10/08 14:02
Client ID: MW-9				Units	: mg/L			Date Prepared: 9/10/08
Dissolved Mercury	0.00103	0.0002	0.00100		103%	75	125	0.00103 0% 20



30-Sep-08

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08090068

Project: BOND & BOND/3917783

**QC SUMMARY REPORT** 

Sample Matrix Spike

Analyte	Result	PQL	SPK value	SPK Ref Val	% Rec	Low Limit	High Limit	RPD % Ref Val RPD	RPD Limit Qual
Sample ID: 08090068-02C-MS	Batch ID: 1368			Test	Code: S	W8270C		Date Analyzed: 09.	
Client ID: MW-9				Unit	s: μg/L			Date Prepared: 9/9.	
Acenaphthene	102	100	120	0.5	85%	57	81		M1
Acenaphthylene	98.9	100	120	0.1	82%	60	86		
Anthracene	96.5	100	120		80%	49	84		
Azobenzene	138	100	160		86%	48	97		
Benz[a]anthracene	101	100	120	0.5	84%	42	92		
Benzo[a]pyrene	95.5	100	120	0.75	79%	44	94		
Benzo[b]fluoranthene	94.0	100	120		78%	45	99		
Benzo[g,h,i]perylene	112	100	120		93%	30	107		
Benzo[k]fluoranthene	91.0	100	120		76%	35	121		
Benzoic acid	166	500	480		35%	21	63		
Benzyl alcohol	111	100	160	0.6	69%	29	83		
Bis(2-chloroethoxy)methane	135	100	160	1.9	83%	53	79		M1
Bis(2-chloroethyl)ether	126	100	160	2.15	77%	48	80		
Bis(2-chloroisopropyl)ether	134	100	160		84%	34	95		
Bis(2-ethylhexyl)phthalate	124	100	160	0.95	77%	40	94		
4-Bromophenyl phenyl ether	150	100	160		94%	51	89		M1
Butyl benzyl phthalate	118	100	160	0.2	74%	42	88		****
4-Chloro-3-methylphenol	267	100	320	0.4	83%	34	100		
4-Chloroaniline	64.7	100	160	28.5	23%	13	133		
2-Chloronaphthalene	124	100	160	0.15	77%	13	130		
2-Chlorophenol	239	100	320	0710	75%	39	85		
4-Chlorophenyl phenyl ether	136	100	160		85%	57	86		
Chrysene	101	100	120	0.55	84%	43	91		
Di-n-butyl phthalate	144	100	160	0.25	90%	48	89		M1
Di-n-octyl phthalate	106	100	204	0.15	52%	36	106		
Dibenz[a,h]anthracene	109	100	120	0110	91%	38	102		
Dibenzofuran	129	100	160	0.15	81%	54	85		
1,2-Dichlorobenzene	122	100	160		76%	13	122		
1,3-Dichlorobenzene	123	100	160		77%	13	122		
1,4-Dichlorobenzene	126	100	160		79%	12	126		
3,3"-Dichlorobenzidine	198	100	160		124%	13	169		
2,4-Dichlorophenol	260	100	320	0.85	81%	49	86		
Diethyl phthalate	143	100	160	0.2	89%	53	92		
Dimethyl phthalate	150	100	160	10.4	87%	59	86		M1
2,4-Dimethylphenol	233	100	320	0.55	73%	46	78		
4,6-Dinitro-2-methylphenol	213	100	320	,,,,	67%	49	99		
2,4-Dinitrophenol	215	200	320		67%	34	104		
2,4-Dinitrotoluene	130	100	160		81%	13	148		
2,6-Dinitrotoluene	130	100	160	0.9	81%	14	142		
Fluoranthene	99.7	100	120		83%	44	84		
Fluorene	101	100	120		84%	59	86		
Hexachlorobenzene	128	100	160		80%	13	136		
Hexachlorobutadiene	110	100	160		69%	13	111		



30-Sep-08

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08090068

Project:

BOND & BOND/3917783

# QC SUMMARY REPORT

Sample Matrix Spike

A1	V-> 1.		SPK	SPK	%	Low	High	RPD	%	RPD	
Analyte	Result	PQL	value	Ref Val	Rec	Limit	Limit	Ref Val	RPD	Limit	Qual
Hexachlorocyclopentadiene	90.8	100	160		57%	13	130				***************************************
Hexachloroethane	247	100	160		154%	13	120				M1
Indeno[1,2,3-cd]pyrene	110	100	120		92%	36	101				
Isophorone	122	100	160	5.75	73%	13	122				
2-Methylnaphthalene	133	100	160	4.9	80%	42	86				
2-Methylphenol	223	100	320		70%	6	107				
4-Methylphenol	222	100	320		69%	6	105				
N-Nitrosodi-n-propylamine	144	100	160	2.35	89%	51	85				M1
N-Nitrosodiphenylamine	36.4	100	160	0.25	23%	13	160				
Naphthalene	135	100	120	35.1	83%	54	80				M1
Nitrobenzene	136	100	160	8.5	80%	17	129				,
2-Nitrophenol	257	100	320	0.95	80%	52	88				
4-Nitrophenol	106	100	320	4.1	32%	11	50				
Pentachlorophenol	199	100	320		62%	49	86				
Phenanthrene	101	100	120		84%	52	87				
Phenol	104	100	320	0.25	32%	11	41				
Pyrene	87.8	100	120	0.1	73%	44	88				
1,2,4-Trichlorobenzene	124	100	160	0.1	78%	14	126				
2,4,6-Trichlorophenol	255	100	320		80%	52	88				
2-Chlorophenol-d4	87.4	N/A	120		73%	21	123				
1,2-Dichlorobenzene-d4	62.3	N/A	80.0		78%	27	126				
2-Fluorobiphenyl	63.2	N/A	80.0		79%	29	131				
2-Fluorophenol	55.1	N/A	120		46%	17	78				
Nitrobenzene-d5	61.4	N/A	80.0		77%	26	131				
Phenol-d6	36.3	N/A	120		30%	20 17	53				
Terphenyl-d14	35.2	N/A	80.0		44%	13	53 124				
2,4,6-Tribromophenol	96.7	N/A	120		81%	30	140				



30-Sep-08

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08090068

Project:

BOND & BOND/3917783

# QC SUMMARY REPORT

Sample Matrix Spike Duplicate

Analyte		Result	PQL	SPK value	SPK Ref Val	% Rec	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit Qual
Sample ID: 0809	0068-02C-MSD	Batch ID: 1368			Test	Code: S	W8270C		Date Analy	zed: 09	/22/08 17:13
Client ID: MW	-9				Unit:	s: μg/L			Date Prepar		/08
Acenaphthene		92.9	100	120	0.5	77%	57	81	102	9%	20
Acenaphthylene		91.5	100	120	0.1	76%	60	86	98.9	8%	20
Anthracene		88.8	100	120		74%	49	84	96.5	8%	22
Azobenzene		130	100	160		81%	48	97	138	6%	20
Benz[a]anthracene		95.2	100	120	0.5	79%	42	92	101	6%	27
Benzo[a]pyrene		91.8	100	120	0.75	76%	44	94	95.5	4%	25
Benzo[b]fluoranthene		93.5	100	120	****	78%	45	99	94	1%	29
Benzo[g,h,i]perylene		103	100	120		86%	30	107	112	8%	26
Benzo[k]fluoranthene		88.3	100	120		74%	35	121	91	3%	34
Benzoic acid		153	500	480		32%	21	63	166	3 % 8%	3 <del>4</del> 37
Benzyl alcohol		102	100	160	0.6	63%	29	83	111	6% 8%	
Bis(2-chloroethoxy)m	ethane	124	100	160	1.9	76%	53	03 79	135		20
3is(2-chloroethyl)ethe		117	100	160	2.15	72%	აა 48	79 80		8%	20
3is(2-chloroisopropyl)		124	100	160	2.10	78%			126	7%	20
Bis(2-ethylhexyl)phtha		122	100	160	0.95	76%	34	95	134	8%	20
-Bromophenyl pheny		141	100	160	0.90		40	94	124	2%	27
Butyl benzyl phthalate		115			0.0	88%	51	89	150	6%	22
-Chloro-3-methylphe		245	100	160	0.2	72%	42	88	118	3%	21
-Chloroaniline	1101		100	320	0.4	76%	34	100	267	9%	20
-Chloronaphthalene		60.9	100	160	28.5	20%	13	133	64.7	6%	20
-Chlorophenol		115	100	160	0.15	72%	13	130	124	8%	20
-Chlorophenyl pheny	d athar	224	100	320		70%	39	85	239	6%	20
	Teulei	126	100	160		79%	57	86	136	8%	20
Chrysene		96.1	100	120	0.55	80%	43	91	101	5%	26
i-n-butyl phthalate		132	100	160	0.25	82%	48	89	144	9%	22
i-n-octyl phthalate		110	100	160	0.15	69%	36	106	106	4%	25
ibenz[a,h]anthracen	€	101	100	120		84%	38	102	109	8%	25
Pibenzofuran		120	100	160	0.15	75%	54	85	129	7%	20
,2-Dichlorobenzene		114	100	160		71%	13	122	122	7%	20
,3-Dichlorobenzene		114	100	160		71%	13	122	123	8%	20
,4-Dichlorobenzene		116	100	160		73%	12	126	126	8%	20
,3'-Dichlorobenzidine	)	170	100	160		106%	13	169	198	15%	41
,4-Dichlorophenol		240	100	320	0.85	75%	49	86	260	8%	20
iethyl phthalate		133	100	160	0.2	83%	53	92	143	7%	20
imethyl phthalate		138	100	160	10.4	80%	59	86	150	8%	20
4-Dimethylphenol		216	100	320	0.55	67%	46	78	233	8%	20
,6-Dinitro-2-methylph	enol	184	100	320		58%	49	99	213	15%	22
4-Dinitrophenol		180	200	320		56%	34	104	215	18%	21
4-Dinitrotoluene		117	100	160		73%	13	148	130	11%	20
6-Dinitrotoluene		119	100	160	0.9	74%	14	142	130	9%	20
luoranthene		90.1	100	120		75%	44	84	99.7	10%	24
uorene		93.7	100	120		78%	59	86	101	7%	20
exachlorobenzene		120	100	160		75%	13	136	128	6%	26
exachlorobutadiene		101	100	160		63%	13	111	110	9%	20



30-Sep-08

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08090068

Project: BO

BOND & BOND/3917783

# QC SUMMARY REPORT

Sample Matrix Spike Duplicate

, , , , , , , , , , , , , , , , , , , ,			SPK	SPK	%	Low	High	RPD	%	RPD	
Analyte	Result	PQL	value	Ref Val	Rec	Limit	Limit	Ref Val	RPD	Limit	Qual
Hexachlorocyclopentadiene	78.9	100	160		49%	13	130	90.8	14%	20	
Hexachloroethane	233	100	160		146%	13	120	247	6%	20	M1
Indeno[1,2,3-cd]pyrene	101	100	120		84%	36	101	110	9%	27	-,
Isophorone	113	100	160	5.75	67%	13	122	122	8%	24	
2-Methylnaphthalene	122	100	160	4.9	73%	42	86	133	9%	34	
2-Methylphenol	206	100	320		64%	6	107	223	8%	35	
4-Methylphenol	201	100	320		63%	6	105	222	10%	20	
N-Nitrosodi-n-propylamine	135	100	160	2.35	83%	51	85	144	6%	20	
N-Nitrosodiphenylamine	33.4	100	160	0.25	21%	13	160	36.4	9%	23	
Naphthalene	125	100	120	35.1	75%	54	80	135	8%	20	
Nitrobenzene	125	100	160	8.5	73%	17	129	136	8%	20	
2-Nitrophenol	243	100	320	0.95	76%	52	88	257	6%	20	
4-Nitrophenol	90.6	100	320	4.1	27%	11	50	106	16%	22	
Pentachlorophenol	169	100	320	.,,	53%	49	86	199	16%	20	
Phenanthrene	93.4	100	120		78%	52	87	101	8%	20	
Phenol	97.0	100	320	0.25	30%	11	41	104	7%	24	
Pyrene	88.0	100	120	0.1	73%	44	88	87.8	0%	23	
1,2,4-Trichlorobenzene	115	100	160	V.1	72%	14	126	124	8%	20	
2,4,6-Trichlorophenol	236	100	320		74%	52	88	255	8%	20	
2-Chlorophenol-d4	83.3	N/A	120		69%	21	123	200	0 70	20	
1,2-Dichlorobenzene-d4	58.9	N/A	80.0		74%	27	126				
2-Fluorobiphenyl	59.8	N/A	80.0		75%	29	131				
2-Fluorophenol	53.1	N/A	120		44%	29 17	78				
Vitrobenzene-d5	58.3	N/A	80.0		73%	26	131				
Phenol-d6	33.9	N/A	120		28%	26 17	53				
i-Terphenyl-d14	34.2	N/A	80.0		43%	13	124				
2,4,6-Tribromophenol	89.1	N/A	120	•	43% 74%	30	140				



30-Sep-08

Sample Matrix Spike

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08090068

Project:

BOND & BOND/3917783

**QC SUMMARY REPORT** 

Analyte	Danie	DOL	SPK	SPK	%	Low	High	RPD	%	RPD	
	Result	PQL	value	Ref Val	Rec	Limit	Limit	Ref Val	RPD	Limit	Qual
Sample ID: 08080433-01A MS	Batch ID: R0	80905A		Test	Code: S	W8260B		Date Analy	yzed: 09	/05/08 11:	01
Client ID:				Unit	s: μg/L			Date Prepa	red: N/a	4	
Acetone	36.5	20	40.0		91%	32	168			<del></del>	
Benzene	21.2	0.50	20.0		106%	67	114				
Bromobenzene	19.1	1.5	20.0		96%	67	110				
Bromochloromethane	19.6	0.50	20.0		98%	61	109				
Bromodichloromethane	20.2	0.50	20.0		101%	65	116				
Bromoform	16.6	1.0	20.0		83%	47	121				
Bromomethane	22.3	5.0	20.0		112%	43	145				
2-Butanone	37.6	5.0	40.0		94%	41	141				
n-Butylbenzene	23.7	2.5	20.0		119%	70	130				
sec-Butylbenzene	24.0	1.5	20.0		120%	70	130				
ert-Butylbenzene	24.0	2.5	20.0		120%	70	130				V1
Carbon disulfide	20.6	0.50	20.0		103%	58	134				
Carbon tetrachloride	26.9	0.50	20.0		135%	67	130				M1,V1
Chlorobenzene	20.0	0.50	20.0		100%	68	110				, . /
Dibromochloromethane	20.5	0.50	20.0		103%	63	119				
Chloroethane	22.2	4.0	20.0		111%	63	132				
Chloroform	21.3	0.50	20.0		107%	60	116				
Chloromethane	22.8	5.0	20.0		114%	50	134				
-Chlorotoluene	20.3	1.5	20.0		102%	68	116				
-Chlorotoluene	20.8	2.0	20.0		104%	69	117				
,2-Dibromo-3-chloropropane	16.8	2.0	20.0		84%	44	119				
,2-Dibromoethane	18.5	0.50	20.0		93%	60	113				
Dibromomethane	19.5	0.50	20.0		98%	61	109				
,2-Dichlorobenzene	19.5	1.5	20.0		98%	67	111				
,3-Dichlorobenzene	20.1	1.5	20.0		101%	68	111				
,4-Dichlorobenzene	19.9	1.5	20.0		100%	68	112				
Dichlorodifluoromethane	25.4	2.0	20.0		127%	39	146				
,1-Dichloroethane	20.9	1.0	20.0		105%	60	120				
,2-Dichloroethane	19.3	1.0	20.0		97%	59	119				
,1-Dichloroethene	23.4	0.50	20.0		117%	68	128				
is-1,2-Dichloroethene	20.4	0.50	20.0		102%	62	111				
ans-1,2-Dichloroethene	21.4	0.50	20.0		107%	64	117				
,2-Dichtoropropane	19.2	0.50	20.0		96%	65	114				
,3-Dichloropropane	18.2	1.0	20.0		91%	61	109				
2-Dichloropropane	24.8	0.50	20.0		124%	37	135				
1-Dichloropropene	22.9	1.0	20.0		115%	69	128				
s-1,3-Dichloropropene	17.8	1.0	20.0		89%	65	119				
ans-1,3-Dichloropropene	19.5	0.50	20.0		98%	67	129				
thylbenzene	21.1	2.0	20.0		106%	69	117				
exachlorobutadiene	23.1	5.0	20.0		116%	63	138				
Hexanone	32.4	5.0	40.0		81%	46	127				
domethane	21.0	2.0	20.0		105%	39	153				
opropylbenzene	23.3	2.5	20.0		117%	80	139				



30-Sep-08

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08090068

Project: BOND & BOND/3917783

QC SUMMARY REPORT

Sample Matrix Spike

Aughut	<b>D</b>		SPK	SPK	%	Low	High	RPD	%	RPD	
Analyte	Result	PQL	value	Ref Val	Rec	Limit	Limit	Ref Val	RPD	Limit	Qual
4-Isopropyltoluene	20.6	1.5	20.0		103%	70	130		******		
Methylene chloride	20.0	3.0	20.0		100%	58	113				
4-Methyl-2-pentanone	33.9	5.0	40.0		85%	52	132				
Methyl tert-butyl ether	19.4	2.0	20.0		97%	57	124				
Vaphthalene	16.7	5.0	20.0		84%	44	127				
n-Propylbenzene	23.2	2.0	20.0		116%	70	130				
Styrene	12.1	1.0	20.0		61%	57	124				
1,1,1,2-Tetrachloroethane	19.9	0.50	20.0		100%	67	116				
1,1,2,2-Tetrachloroethane	17.9	0.50	20.0		90%	58	123				
Tetrachloroethene	21.6	0.50	20.0		108%	69	116				
Toluene	22.0	2.0	20.0		110%	70	130				
1,2,3-Trichlorobenzene	19.1	5.0	20.0		96%	55	122				
,2,4-Trichlorobenzene	17.8	5.0	20.0		89%	59	117				
,1,1-Trichloroethane	23.1	0.50	20.0		116%	63	124				
1,1,2-Trichloroethane	18.1	0.50	20.0		91%	62	112				
richloroethene	20.6	0.50	20.0		103%	66	118				
richlorofluoromethane	29.6	2.0	20.0		148%	55	139				M1,V1
,2,3-Trichloropropane	16.9	1.0	20.0		85%	55	116				, .
,2,4-Trimethylbenzene	17.9	2.0	20.0		90%	62	126				
,3,5-Trimethylbenzene	22.1	1.5	20.0		111%	64	130				
'inyl acetate	13.2	5.0	20.0		66%	25	175				
/inyl chloride	20.6	0.50	20.0		103%	25	161				
(ylenes, Total	61.4	3.0	60.0		102%	69	120				
-Bromofluorobenzene	48.7	N/A	50.0		97%	64	123				
Dibromofluoromethane	48.5	N/A	50.0		97%	59	123				
,2-Dichloroethane-d4	48.8	N/A	50.0		98%	57	125				
oluene-d8	51.0	N/A	50.0		102%	66	124				



30-Sep-08

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08090068

Project:

BOND & BOND/3917783

**QC SUMMARY REPORT** 

Sample Matrix Spike Duplicate

Analyte	Result	PQL	SPK value	SPK Ref Val	% Rec	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Sample ID: 08080433-01A MSD	Batch ID: R0	80905A		Test	Code: S	W8260B		Date Analy:	zed: 09	/05/08 11:	23
Client ID:				Unit	s: μg/L			Date Prepar			
Acetone	37.0	20	40.0		93%	32	168	36.5	1%	33	
Benzene	21.2	0.50	20.0		106%	67	114	21.2	0%	22	
Bromobenzene	19.3	1.5	20.0		97%	67	110	19.1	1%	23	
Bromochloromethane	19.8	0.50	20.0		99%	61	109	19.6	1%	24	
Bromodichloromethane	19.7	0.50	20.0		99%	65	116	20.2	3%	23	
Bromoform	14.5	1.0	20.0		73%	47	121	16.6	14%	26	
Bromomethane	22.7	5.0	20.0		114%	43	145	22.3	2%	31	
2-Butanone	39.3	5.0	40.0		98%	41	141	37.6	4%	32	
n-Butylbenzene	23.4	2.5	20.0		117%	70	130	23.7	1%	24	
sec-Butylbenzene	23.7	1,5	20.0		119%	70	130	24	1%	24	
tert-Butylbenzene	23.8	2.5	20.0		119%	70	130	24	1%	23	V1
Carbon disulfide	17.0	0.50	20.0		85%	58	134	20.6	19%	24	• •
Carbon tetrachloride	25.5	0.50	20.0		128%	67	130	26.9	5%	23	V1
Chlorobenzene	20.4	0.50	20.0		102%	68	110	20.9	2%	22	• (
Dibromochloromethane	18.7	0.50	20.0		94%	63	119	20.5	9%	23	
Chloroethane	22.5	4.0	20.0		113%	63	132	22.2	1%	23 24	
Chloroform	21.3	0.50	20.0		107%	60	116	21.3	0%	23	
Chloromethane	23.8	5.0	20.0		119%	50	134	21.3	4%	25 25	
2-Chlorotoluene	20.2	1.5	20.0		101%	68	116	20.3	4% 0%	23	
4-Chlorotoluene	20.8	2.0	20.0		104%	69	117	20.3	0%	23 23	
1,2-Dibromo-3-chloropropane	17.1	2.0	20.0		86%	44	119	16.8	2%	23 27	
1,2-Dibromoethane	19.1	0.50	20.0		96%	60	113	18.5	3%	23	
Dibromomethane	19.8	0.50	20.0		99%	61	109	19.5	2%	23	
1,2-Dichlorobenzene	19.5	1.5	20.0		98%	67	111	19.5	0%	23 22	
1,3-Dichlorobenzene	20.3	1.5	20.0		102%	68	111	20.1	1%	22	
1,4-Dichlorobenzene	19.9	1.5	20.0		100%	68	112	19.9	0%	22	
Dichlorodifluoromethane	25.3	2.0	20.0		127%	39	146	25.4	0%	23	
1,1-Dichloroethane	21.0	1.0	20.0		105%	60	120	20.9			
1,2-Dichloroethane	20.0	1.0	20.0		100%	59	119		0%	24	
1,1-Dichloroethene	23.8	0.50	20.0		119%	68		19.3	4%	23	
cis-1,2-Dichloroethene	20.2	0.50	20.0		101%		128	23.4	2%	24	
trans-1,2-Dichloroethene	21.2	0.50	20.0		106%	62 64	111	20.4	1%	23	
1,2-Dichloropropane	19.8	0.50	20.0			64	117	21.4	1%	25	
1,3-Dichloropropane	18.6	1,0			99%	65	114	19.2	3%	22	
2,2-Dichloropropane	24.3		20.0		93%	61	109	18.2	2%	23	
1,1-Dichloropropene		0.50	20.0		122%	37	135	24.8	2%	25	
cis-1,3-Dichloropropene	22.8 16.3	1.0	20.0		114%	69	128	22.9	0%	22	
trans-1,3-Dichloropropene		1.0	20.0		81%	65 67	119	17.8	9%	23	
Ethylbenzene	17.7 21.2	0.50	20.0		89%	67	129	19.5	10%	23	
Hexachlorobutadiene		2.0	20.0		106%	69	117	21.1	0%	22	
2-Hexanone	23.0	5.0	20.0		115%	63	138	23.1	0%	33	
odomethane	33.2	5.0	40.0		83%	46	127	32.4	2%	27	
sopropylbenzene	21.1	2.0	20.0		106%	39	153	21	0%	34	
sobrohinarrana	23.4	2.5	20.0		117%	80	139	23.3	0%	23	



30-Sep-08

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08090068

Project:

BOND & BOND/3917783

# **QC SUMMARY REPORT**

Sample Matrix Spike Duplicate

			SPK	SPK	%	Low	High	RPD	%	RPD	····
Analyte	Result	PQL	value	Ref Val	Rec	Limit	Limit	Ref Val	RPD	Limit	Qual
4-Isopropyltoluene	20.5	1.5	20.0	***************************************	103%	70	130	20.6	0%	24	
Methylene chloride	20.0	3.0	20.0		100%	58	113	20	0%	22	
4-Methyl-2-pentanone	34.9	5.0	40.0		87%	52	132	33.9	3%	26	
Methyl tert-butyl ether	20.1	2.0	20.0		101%	57	124	19.4	4%	24	
Naphthalene	16.9	5.0	20.0		85%	44	127	16.7	1%	28	
n-Propylbenzene	23.0	2.0	20.0		115%	70	130	23.2	1%	23	
Styrene	12.4	1.0	20.0		62%	57	124	12.1	2%	25	
1,1,1,2-Tetrachloroethane	19.8	0.50	20.0		99%	67	116	19.9	1%	23	
1,1,2,2-Tetrachloroethane	18.3	0.50	20.0		92%	58	123	17.9	2%	23	
Tetrachloroethene	21.9	0.50	20.0		110%	69	116	21.6	1%	22	
Toluene	22.3	2.0	20.0		112%	70	130	22	1%	22	
1,2,3-Trichlorobenzene	19.4	5.0	20.0		97%	55	122	19.1	2%	29	
1,2,4-Trichlorobenzene	17.8	5.0	20.0		89%	59	117	17.8	0%	26	
1,1,1-Trichloroethane	23.0	0.50	20.0		115%	63	124	23.1	0%	24	
1,1,2-Trichloroethane	18.7	0.50	20.0		94%	62	112	18.1	3%	22	
Trichloroethene	20.9	0.50	20.0		105%	66	118	20.6	1%	21	
Trichlorofluoromethane	29.2	2.0	20.0		146%	55	139	29.6	1%	25	M1,V1
1,2,3-Trichloropropane	17.4	1.0	20.0		87%	55	116	16.9	3%	23	,
,2,4-Trimethylbenzene	18.1	2.0	20.0		91%	62	126	17.9	1%	23	
1,3,5-Trimethylbenzene	22.0	1.5	20.0		110%	64	130	22.1	0%	23	
Vinyl acetate	12.9	5.0	20.0		65%	25	175	13.2	2%	26	
Vinyl chloride	20.7	0.50	20.0		104%	25	161	20.6	0%	27	
(ylenes, Total	62.0	3.0	60.0		103%	69	120	61.4	1%	22	
l-Bromofluorobenzene	49.2	N/A	50.0		98%	64	123	963	170	4	
Dibromofluoromethane	49.3	N/A	50.0		99%	59	123				
,2-Dichloroethane-d4	50.0	N/A	50.0		100%	57	125				
oluene-d8	52.4	N/A	50.0		105%	66	124				



30-Sep-08

License No. AZM133/AZ0133

Sample Matrix Spike

CLIENT:

Bristol Environmental & Engineering

Work Order:

08090068

Project:

BOND & BOND/3917783

QC SUMMARY REPORT

Analyte	Result	PQL	SPK value	SPK Ref Val	% Rec	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Sample ID: 08090021-02A MS	Batch ID: R0	80908A	,	Test	Code: S	W8260B		Date Analy	zed: 09	0/08/08 10:	52
Client ID:				Units	s; μg/L			Date Prepar			
Acetone	41.1	20	40.0		103%	32	168				
Benzene	22.8	0.50	20.0		114%	67	114				
Bromobenzene	19.9	1.5	20.0		100%	67	110				
Bromochloromethane	21.0	0.50	20.0		105%	61	109				
Bromodichloromethane	22.4	0.50	20.0		112%	65	116				
Bromoform	18.8	1.0	20.0		94%	47	121				
Bromomethane	24.0	5.0	20.0		120%	43	145				
2-Butanone	41.1	5.0	40.0		103%	41	141				
n-Butylbenzene	24.7	2.5	20.0		124%	70	130				
sec-Butylbenzene	25.0	1.5	20.0		125%	70	130				
tert-Butylbenzene	25.2	2.5	20.0		126%	70	130				
Carbon disulfide	24.4	0.50	20.0		122%	58	134				
Carbon tetrachloride	29.3	0.50	20.0		147%	67	130				M1
Chlorobenzene	21.2	0.50	20.0		106%	68	110				IVIII
Dibromochloromethane	22.5	0.50	20.0		113%	63	119				
Chloroethane	24.3	5.0	20.0		122%	63	132				
Chloroform	22.6	0.50	20.0		113%	60	116				
Chloromethane	25.5	5.0	20.0		128%	50	134				
2-Chlorotoluene	21.4	1.5	20.0		107%	50 68	116				
4-Chlorotoluene	22.0	2.0	20.0		110%	69	117				
1,2-Dibromo-3-chloropropane	17.7	2.0	20.0		89%	44	119				
1,2-Dibromoethane	19.5	0.50	20.0		98%	60	113				
Dibromomethane	20.4	0.50	20.0		102%	61	109				
1,2-Dichlorobenzene	20.3	1.5	20.0		102%	67	111				
1,3-Dichlorobenzene	20.9	1.5	20.0		105%	68	111				
1,4-Dichlorobenzene	20.9	1.5	20.0		105%	68	112				
Dichlorodifluoromethane	27.8	2.0	20.0		139%	39	146				
1,1-Dichloroethane	22.9	1.0	20.0		115%	60	120				
1,2-Dichloroethane	21.6	1.0	20.0		108%	59	119				V1
1,1-Dichloroethene	25.6	0.50	20.0		128%	68	128				• 1
cis-1,2-Dichloroethene	21.9	0.50	20.0		110%	62	111				
trans-1,2-Dichloroethene	23.2	0.50	20.0		116%	64	117				
1,2-Dichloropropane	21.1	0.50	20.0		106%	65	114				
1,3-Dichloropropane	19.5	1.0	20.0		98%	61	109				
2,2-Dichloropropane	27.4	0.50	20.0		137%	37	135				M1
1,1-Dichloropropene	24.6	1.0	20.0		123%	69	128				1911
cis-1,3-Dichloropropene	19.5	1.0	20.0		98%	65	119				
trans-1,3-Dichloropropene	21.5	0.50	20.0		108%	67	129				
Ethylbenzene	22.2	2.0	20.0		111%	69	117				
Hexachlorobutadiene	23.7	5.0	20.0		119%	63	138				
2-Hexanone	35.0	5.0	40.0		88%	46	127				
odomethane	22.0	2.0	20.0		110%	39	153				
sopropylbenzene	24.5	2.5	20.0		123%	80	139				



30-Sep-08

License No. AZM133/AZ0133

CLIENT:

Project:

Bristol Environmental & Engineering

Work Order:

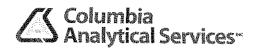
08090068

BOND & BOND/3917783

QC SUMMARY REPORT

Sample Matrix Spike

Analyte	Danit	DOI	SPK	SPK	%	Low	High	RPD	%	RPD	
	Result	PQL	value	Ref Val	Rec	Limit	Limit	Ref Val	RPD	Limit	Qual
4-Isopropyltoluene	22.0	1.5	20.0		110%	70	130				
Methylene chloride	21.2	3.0	20.0		106%	58	113				
4-Methyl-2-pentanone	37.0	5.0	40.0		93%	52	132				
Methyl tert-butyl ether	21.5	2.0	20.0		108%	57	124				
Naphthalene	17.9	5.0	20.0		90%	44	127				
n-Propylbenzene	24.5	2.0	20.0		123%	70	130				
Styrene	19.4	1.0	20.0		97%	57	124				
1,1,1,2-Tetrachloroethane	21.1	0.50	20.0		106%	67	116				
1,1,2,2-Tetrachloroethane	19.2	0.50	20.0		96%	58	123				
Tetrachloroethene	22.6	0.50	20.0		113%	69	116				
Toluene	23.5	2.0	20.0		118%	70	130				
1,2,3-Trichlorobenzene	20.1	5.0	20.0		101%	55	122				
1,2,4-Trichlorobenzene	18.6	5.0	20.0		93%	59	117				
1,1,1-Trichloroethane	25.3	0.50	20.0		127%	63	124				M1
1,1,2-Trichloroethane	19.3	0.50	20.0		97%	62	112				,
Trichloroethene	22.1	0.50	20.0		111%	66	118				
Trichlorofluoromethane	32.1	2.0	20.0		161%	55	139				N1
1,2,3-Trichloropropane	18.1	1.0	20.0		91%	55	116				
1,2,4-Trimethylbenzene	22.8	2.0	20.0		114%	62	126				
1,3,5-Trimethylbenzene	23.7	1.5	20.0		119%	64	130				
Vinyl acetate	17.3	5.0	20.0		87%	25	175				
Vinyl chloride	22.4	0.50	20.0		112%	25	161				
Xylenes, Total	65.5	3.0	60.0		109%	69	120				
4-Bromofluorobenzene	48.2	N/A	50.0		96%	64	123				
Dibromofluoromethane	50.0	N/A	50.0		100%	59	123				
1,2-Dichloroethane-d4	51.1	N/A	50.0		102%	57	125				
Toluene-d8	52.5	N/A	50.0		105%	66	124				



30-Sep-08

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08090068

Project:

BOND & BOND/3917783

QC SUMMARY REPORT

Sample Matrix Spike Duplicate

Analyte	Result	PQL	SPK value	SPK Ref Val	% Rec	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Sample ID: 08090021-02A MSD	Batch ID: R0	80908A		Test	Code: S	W8260B		Date Analy:	zed: 09	/08/08 11:	14
Client ID:				Unit	s: μg/L			Date Prepar			
Acetone	39.0	20	40.0		98%	32	168	41.1	5%	33	
Benzene	21.5	0.50	20.0		108%	67	114	22.8	6%	22	
Bromobenzene	19.4	1.5	20.0		97%	67	110	19.9	3%	23	
3romochloromethane	19.8	0.50	20.0		99%	61	109	21	6%	24	
Bromodichloromethane	21.0	0.50	20.0		105%	65	116	22.4	6%	23	
3romoform	16.2	1.0	20.0		81%	47	121	18.8	15%	26	
3romomethane	22.7	5.0	20.0		114%	43	145	24	6%	31	
2-Butanone	40.8	5.0	40.0		102%	41	141	41.1	1%	32	
-Butylbenzene	24.3	2.5	20.0		122%	70	130	24.7	2%	24	
sec-Butylbenzene	24.4	1.5	20.0		122%	70	130	25	2%	24 24	
ert-Butylbenzene	24.5	2.5	20.0		123%	70	130	25.2	2% 3%	23	
Carbon disulfide	18.7	0.50	20.0		94%	58	134	25.2 24.4	3% 26%	23 24	R5
Carbon tetrachloride	27.3	0.50	20.0		137%	67	130	29.3			M1
Chlorobenzene	20.1	0.50	20.0		101%	68	110	29.3 21.2	7% 50/	23	IVI I
Dibromochloromethane	20.5	0.50	20.0		103%	63			5%	22	
Chloroethane	23.3	5.0	20.0		117%		119	22.5	9%	23	
Chloroform	21.8	0.50	20.0			63	132	24.3	4%	24	
Chloromethane	24.6	5.0	20.0		109%	60 50	116	22.6	4%	23	
-Chlorotoluene	20.5	5.0 1.5	20.0		123%	50	134	25.5	4%	25	
-Chlorotoluene	21.1	2.0			103%	68	116	21.4	4%	23	
,2-Dibromo-3-chloropropane	17.4	2.0	20.0		106%	69	117	22	4%	23	
,2-Dibromoethane	19.0		20.0		87%	44	119	17.7	2%	27	
ibromomethane		0.50	20.0		95%	60	113	19.5	3%	23	
,2-Dichlorobenzene	20.0	0.50	20.0		100%	61	109	20.4	2%	23	
,3-Dichlorobenzene	19.8	1.5	20.0		99%	67	111	20.3	2%	22	
,4-Dichlorobenzene	20.5	1.5	20.0		103%	68	111	20.9	2%	22	
ichlorodifluoromethane	20.1	1.5	20.0		101%	68	112	20.9	4%	22	
.1-Dichloroethane	26.2	2.0	20.0		131%	39	146	27.8	6%	23	
, r-Dichloroethane ,2-Dichloroethane	21.9	1.0	20.0		110%	60	120	22.9	4%	24	
,2-Dichloroethane ,1-Dichloroethene	20.8	1.0	20.0		104%	59	119	21.6	4%	23	V1
	24.2	0.50	20.0		121%	68	128	25.6	6%	24	
s-1,2-Dichloroethene	20.2	0.50	20.0		101%	62	111	21.9	8%	23	
ans-1,2-Dichloroethene	22.0	0.50	20.0		110%	64	117	23.2	5%	25	
,2-Dichloropropane	20.5	0.50	20.0		103%	65	114	21.1	3%	22	
,3-Dichloropropane	18.9	1.0	20.0		95%	61	109	19.5	3%	23	
2-Dichloropropane	25.8	0.50	20.0		129%	37	135	27.4	6%	25	
1-Dichloropropene	23.5	1.0	20.0		118%	69	128	24.6	5%	22	
3-1,3-Dichloropropene	17.6	1.0	20.0		88%	65	119	19.5	10%	23	
ans-1,3-Dichloropropene	19.5	0.50	20.0		98%	67	129	21.5	10%	23	
thylbenzene	21.2	2.0	20.0		106%	69	117	22.2	5%	22	
exachlorobutadiene	23.5	5.0	20.0		118%	63	138	23.7	1%	33	
Hexanone	33.8	5.0	40.0		85%	46	127	35	3%	27	
domethane	21.4	2.0	20.0		107%	39	153	22	3%	34	
opropylbenzene	23.6	2.5	20.0		118%	80	139	24.5	4%	23	



30-Sep-08

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08090068

Project:

BOND & BOND/3917783

# QC SUMMARY REPORT

Sample Matrix Spike Duplicate

	20112/371776			·		·		4			1
Analyte	Result	PQL	SPK value	SPK Ref Val	% Rec	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
4-isopropyitoluene	21.2	1.5	20.0	***************************************	106%	70	130	22	4%	24	
Methylene chloride	20.0	3.0	20.0		100%	58	113	21,2	6%	22	
4-Methyl-2-pentanone	35.9	5.0	40.0		90%	52	132	37	3%	26	
Methyl tert-butyl ether	20.7	2.0	20.0		104%	57	124	21.5	4%	24	
Naphthalene	17.2	5.0	20.0		86%	44	127	17,9	4%	28	
n-Propylbenzene	23.7	2.0	20.0		119%	70	130	24.5	3%	23	
Styrene	14.8	1.0	20.0		74%	57	124	19.4	27%		R5
1,1,1,2-Tetrachloroethane	20.2	0.50	20.0		101%	67	116	21.1	4%	25	NJ
1,1,2,2-Tetrachloroethane	18.8	0.50	20.0		94%	58	123	19.2		23	
Tetrachloroethene	21.8	0.50	20.0		109%	69	116	22.6	2%	23	
Toluene	22.7	2.0	20.0		114%	70	130	23.5	4%	22	
1,2,3-Trichlorobenzene	19.5	5.0	20.0		98%	7.5 55	122		3%	22	
1,2,4-Trichlorobenzene	18.1	5.0	20.0		91%			20.1	3%	29	
1,1,1-Trichloroethane	24.0	0.50	20.0		120%	59	117	18.6	3%	26	
1,1,2-Trichloroethane	18.8	0.50	20.0		94%	63	124	25.3	5%	24	
Trichloroethene	21.1	0.50	20.0			62	112	19.3	3%	22	
Trichlorofluoromethane	30.5	2.0	20.0		106%	66	118	22.1	5%	21	
1,2,3-Trichloropropane	18.1	1.0	20.0		153%	55	139	32.1	5%	25	N1
1,2,4-Trimethylbenzene	20.1	2.0			91%	55	116	18.1	0%	23	
1,3,5-Trimethylbenzene	22.7	1.5	20.0		101%	62	126	22.8	13%	23	
Vinyl acetate	14.0		20.0		114%	64	130	23.7	4%	23	
Vinyl chloride		5.0	20.0		70%	25	175	17.3	21%	26	
Xylenes, Total	21.3	0.50	20.0		107%	25	161	22.4	5%	27	
4-Bromofluorobenzene	63.0	3.0	60.0		105%	69	120	65.5	4%	22	
Dibromofluoromethane	48.7	N/A	50.0		97%	64	123				
	49.4	N/A	50.0		99%	59	123				
1,2-Dichloroethane-d4	50.6	N/A	50.0		101%	57	125				
Toluene-d8	52.4	N/A	50.0		105%	66	124				
Sample ID: <b>08090068-02G-MSP</b>	Batch ID: 1374			Test (	Code: S	W8082		Date Analyz	ed: 09/	18/08 21:5	50
Client ID: MW-9				Units	: ug/L			Date Prepare	ed: 9/9/0	08	
Aroclor 1016	77.5	2.2	88.9		87%	13	145				
Arodor 1260	78.3	2.2	88.9		88%	3	155				
Decachlorobiphenyl	6.98	N/A	8.89		79%	3	156				
TCMX	6.40	N/A	8.89		72%	3	150				
Sample ID: 08090068-02G-MSP	Batch ID: 1374			Test (	Code: S	W8082	7000000	Date Analyz	ed: 09/	18/08 22;(	)8
Client ID: MW-9				Units:	: ug/L			Date Prepare			
Aroclor 1016	68.8	2.2	88.9		77%	13	145	77.5	12%	29	
Aroclor 1260	84.7	2.2	88.9		95%	3	155	78.3	8%	42	
Decachlorobiphenyl	6.82	N/A	8.89		77%	3	156	10.0	U /0	44	
TCMX	6.29	N/A	8.89		71%	3	150				
						······				,	1/-/



30-Sep-08

License No. AZM133/AZ0133

CLIENT:

Project:

Bristol Environmental & Engineering

Work Order:

08090068

2000000

BOND & BOND/3917783

**QC SUMMARY REPORT** 

Analyte	Result	PQL	SPK value	SPK Ref Val	% Rec	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Sample ID: LCS-1459	Batch ID: 1	459		Test	Code: 8	015B		Date Analy:	zed: 09	/19/08 16:	36
				Unit	s; μg/L			Date Prepar	ed: 9/1	8/08	
C13-C22 DRO	938	100	1000		94%	39	144				T5, Q9
o-Terphenyl	166	N/A	200		83%	35	141				N1
Sample ID: LCSD-1459	Batch ID: 14	459		Test	Code: 8	015B		Date Analy:	zed: 09	/19/08 17:	20
				Unit	s: μg/L			Date Prepar	ed: 9/1	8/08	
C13-C22 DRO	946	100	1000		95%	39	144	938	1%	44	T5, Q9
o-Terphenyl	155	N/A	200		78%	35	141				N1
Sample ID: LCS-1386	Batch ID: 13	386		Test	Code: S	W6010B		Date Analya	zed: 09/	/19/08 18:4	45
				Unit	s: mg/L			Date Prepar	ed: 9/10	0/08	
Dissolved Arsenic	1.05	0.010	1.00		105%	90	116				
Dissolved Barium	1.05	0.010	1.00		105%	92	118				
Dissolved Cadmium	1.06	0.0030	1.00		106%	89	119				
Dissolved Chromium	1.00	0.010	1.00		100%	82	120				
Dissolved Lead	1.02	0.010	1.00		102%	87	114				
Dissolved Selenium	1.08	0.025	1.00		108%	92	123				
Dissolved Silver	0.516	0.0050	0.500		103%	84	114				
Sample ID: LCSD-1386	Batch ID: 13	86		Test	Code: S	W6010B		Date Analyz	ed: 09/	19/08 18:4	19
				Units	g: mg/L			Date Prepare	ed: 9/10	)/08	
Dissolved Arsenic	1.07	0.010	1.00		107%	90	116	1.05	2%	20	
Dissolved Barium	1.06	0.010	1.00		106%	92	118				
Dissolved Cadmium	1.08	0.0030	1.00		108%	89	119				
Dissolved Chromlum	1.02	0.010	1.00		102%	82	120				
Dissolved Lead	1.04	0.010	1.00		104%	87	114				
Dissolved Selenium	1.09	0.025	1.00		109%	92	123				
Dissolved Silver	0.524	0.0050	0.500		105%	84	114	0.516	2%	20	
Sample ID: LCS-1385	Batch ID: 13	85		Test	Code: S	W7470A	***************************************	Date Analyz	ed: 09/	10/08 13:5	56
				Units	: mg/L			Date Prepare	ed: 9/10	0/08	
Dissolved Mercury	0.00107	0.0002	0.00100		107%	80	120			, , , , , , , , , , , , , , , , , , , ,	
Sample ID: LCSD-1385	Batch ID: 13	85		Test	Code: S	W7470A		Date Analyz	ate Analyzed: 09/19/08 18 ate Prepared: 9/10/08  1.05		7
				Units	; mg/L			Date Prepare	ed: 9/10	/08	
Dissolved Mercury	0.00102	0.0002	0.00100		102%	80	120	0.00107	5%	20	



30-Sep-08

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

BOND & BOND/3917783

Work Order:

Project:

08090068

QC SUMMARY REPORT

Analyte	Result	PQL	SPK value	SPK Ref Val	% Rec	Low Limit	High Limit	RPD % Ref Val RF		RPD Limit	Qual
Sample ID: LCS-1368	Batch ID: 1368		····		····	W8270C	Dimit	Date Analyzed:			-
					s; μg/L			Date Prepared:			-7
Acenaphthene	40.0	40						Date Prepared:	9/9/00	>	
Acenaphthylene	49.3	10	60.0	0.11	82%	57	84				
Anthracene	47.2	10	60.0		79%	59	90				
Azobenzene	46.4	10	60.0	0.02	77%	54	86				
Benz[a]anthracene	61.1	10	0.08	0.03	76%	48	101				
Benzo[a]pyrene	49.8	10	60.0	0.13	83%	55	88				
	48.8	10	60.0	0.04	81%	54	97				
Benzo[b]fluoranthene Benzo[g,h,i]perylene	51.3	10	60.0	0.04	85%	49	107				
	52.8	10	60.0	0.06	88%	37	117				
Benzo[k]fluoranthene	49.0	10	60.0	0.04	82%	37	139				
Benzoic acid	87.7	50	240		37%	21	63				
Benzyl alcohol	55.0	10	80.0	0.29	68%	44	73				
Bis(2-chloroethoxy)methane	59.9	10	80.0		75%	53	82				
Bis(2-chloroethyl)ether	54.7	10	80.0	0.71	67%	48	82				
Bis(2-chloroisopropyl)ether	54.1	10	80.0		68%	34	98				
Bis(2-ethylhexyl)phthalate	68.0	10	80.0	1.37	83%	46	92				
4-Bromophenyl phenyl ether	70.5	10	0.08		88%	54	93				
Butyl benzyl phthalate	68.9	10	80.0	0.14	86%	51	88				
4-Chloro-3-methylphenol	131	10	160		82%	54	87				
4-Chloroaniline	30.4	10	80.0		38%	13	127				
2-Chloronaphthalene	58.7	10	80.0		73%	15	131				
2-Chlorophenol	119	10	160		74%	51	79				
4-Chlorophenyl phenyl ether	64.8	10	80.0		81%	56	93				
Chrysene	48.9	10	60.0	0.13	81%	55	89				
Di-n-butyl phthalate	65.1	10	80.0	0.23	81%	55	89				
Di-n-octyl phthalate	72.3	10	0.08	0.11	90%	48	110				
Dibenz[a,h]anthracene	53.2	10	60.0	0.12	88%	49	108				
Dibenzofuran	61.7	10	80.0		77%	57	85				
1,2-Dichlorobenzene	56.0	10	80.0		70%	14	123				
1,3-Dichlorobenzene	55.8	10	80.0		70%	17	122				
1,4-Dichlorobenzene	57.2	10	80.0		72%	16	127				
3,3'-Dichlorobenzidine	116	10	80.0		145%	13	121				L1
2,4-Dichlorophenol	128	10	160		80%	54	85				
Diethyl phthalate	67.7	10	80.0	0.08	85%	59	90				
Dimethyl phthalate	65.4	10	80.0		82%	58	89				
2,4-Dimethylphenol	109	10	160	0.11	68%	50	79				
4,6-Dinitro-2-methylphenol	128	10	160		80%	52	101				
2,4-Dinitrophenol	119	20	160		74%	35	101				
2,4-Dinitrotoluene	65.2	10	80.0		81%	14	146				
2,6-Dinitrotoluene	64.6	10	80.0		81%	15	144				
Fluoranthene	47.2	10	60.0	0.02	79%	53	83				
Fluorene	48.7	10	60.0	3. <b>02</b>	81%	57	91				
Hexachlorobenzene	59.0	10	80.0		74%	15	135				
Hexachlorobutadiene	48.8	10	80.0		61%	16	111				



30-Sep-08

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08090068

Project: BOND & BOND/3917783 QC SUMMARY REPORT

Analyte	Result	DCM	SPK	SPK	% De-	Low	High	RPD	%	RPD	
		PQL	value	Ref Val	Rec	Limit	Limit	Ref Val	RPD	Limit	Qual
Hexachlorocyclopentadiene	55.0	10	0.08		69%	17	138				
Hexachloroethane	54.1	10	0.08		68%	19	120				
Indeno[1,2,3-cd]pyrene	53.4	10	60.0	0.08	89%	44	107				
Isophorone	56.3	10	0.08		70%	22	117				
2-Methylnaphthalene	58.4	10	0.08		73%	53	80				
2-Methylphenol	105	10	160		66%	43	70				
4-Methylphenol	106	10	160		66%	40	72				
N-Nitrosodi-n-propylamine	58.2	10	0.08	0.19	73%	43	96				
N-Nitrosodiphenylamine	22.7	10	0.08		28%	13	156				
Naphthalene	44.7	10	60.0		75%	54	82				
Nitrobenzene	58.7	10	0.08	0.1	73%	20	127				
2-Nitrophenol	127	10	160		79%	52	90				
4-Nitrophenol	63.6	10	160	0.72	39%	17	47				
Pentachlorophenol	124	10	160		78%	51	86				
Phenanthrene	48.0	10	60.0	0.02	80%	56	89				
Phenol	51.0	10	160		32%	18	37				
^D yrene	53.4	10	60.0	0.1	89%	54	86				L1
1,2,4-Trichlorobenzene	56.9	10	80.0		71%	18	125				
2,4,6-Trichlorophenol	129	10	160		81%	54	90				
2-Chlorophenol-d4	42.7	N/A	60.0		71%	21	123				
1,2-Dichlorobenzene-d4	28.2	N/A	40.0		71%	27	126				
2-Fluorobiphenyl	29.1	N/A	40.0		73%	29	131				
?-Fluorophenol	26.1	N/A	60.0		44%	17	78				
Vitrobenzene-d5	28.2	N/A	40.0		71%	26	131				
Phenol-d6	17.7	N/A	60.0		30%	17	53				
I-Terphenyl-d14	35.1	N/A	40.0		88%	13	124				
2,4,6-Tribromophenol	50.4	N/A	60.0		84%	30	140				



30-Sep-08

License No. AZM133/AZ0133

CLIENT:

Project:

Bristol Environmental & Engineering

Work Order:

08090068

BOND & BOND/3917783

# QC SUMMARY REPORT

Blank Spike Duplicate

Analyte	Result	PQL	SPK value	SPK Ref Val	% Rec	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Sample ID: LCSD-1368	Batch ID: 1368		***************************************	Test	Code: S	W8270C	····	Date Analy:	zed: 09	/11/08 16:	
				Unit	s: μg/L			Date Prepar			
Acenaphthene	47.6	10	60.0	0.11	79%	57	84	49.3	4%	20	
Acenaphthylene	46.2	10	60.0		77%	59	90	47.2	2%	20	
Anthracene	45.0	10	60.0	0.02	75%	54	86	46.4	3%	20	
Azobenzene	59.7	10	80.0	0.03	75%	48	101	61,1	2%	20	
Benz[a]anthracene	48.2	10	60.0	0.13	80%	55	88	49.8	3%	20	
Benzo[a]pyrene	47.8	10	60.0	0,04	80%	54	97	48.8	2%	20	
Benzo[b]fluoranthene	47.4	10	60,0	0.04	79%	49	107	51,3	8%	36	
Benzo[g,h,i]perylene	50.8	10	60.0	0.06	85%	37	117	52.8	4%	20	
Benzo[k]fluoranthene	54.1	10	60.0	0.04	90%	37	139	49	10%	31	
Benzoic acid	85.0	50	240		35%	21	63	87.7	3%	37	
Benzyl alcohol	52.6	10	80.0	0.29	65%	44	73	55	4%	20	
3is(2-chloroethoxy)methane	58.8	10	80.0		74%	53	82	59.9	2%	20	
Bis(2-chloroethyl)ether	53.2	10	80.0	0.71	66%	48	82	54.7	3%	20	
3is(2-chioroisopropyl)ether	52.2	10	0.08		65%	34	98	54.1	4%	20	
3is(2-ethylhexyl)phthalate	66.3	10	80.0	1.37	81%	46	92	68	3%	20	
1-Bromophenyl phenyl ether	69.0	10	80.0	1.07	86%	54	93	70.5	2%	20	
Butyl benzyl phthalate	67.9	10	80.0	0.14	85%	51	88	68.9	1%	20	
1-Chloro-3-methylphenol	126	10	160	5771	79%	54	87	131	4%	20	
1-Chloroaniline	29.5	10	80.0		37%	13	127	30.4	3%	20	
2-Chloronaphthalene	57.4	10	80.0		72%	15	131	58.7	2%	20	
2-Chlorophenol	117	10	160		73%	51	79	119	2%	20	
-Chlorophenyl phenyl ether	63.2	10	80.0		79%	56	93	64.8	3%	20	
Chrysene	47.6	10	60.0	0.13	79%	55	89	48.9	3%	20	
)i-n-butyl phthalate	63.7	10	80.0	0.23	79%	55	89	65.1	2%	20	
Di-n-octyl phthalate	73.5	10	80.0	0.11	92%	48	110	72.3	2%	20	
Dibenz[a,h]anthracene	51.0	10	60.0	0.12	85%	49	108	53.2	4%	20	
Dibenzofuran	59.8	10	80.0	O. FZ.	75%	57	85	61.7	3%	20	
,2-Dichlorobenzene	54.8	10	80.0		69%	14	123	56	3% 2%	20	
,3-Dichlorobenzene	55.2	10	80.0		69%	17	123	55.8			
,4-Dichlorobenzene	56.2	10	80.0		70%	16	127	55.8 57.2	1% 2%	20 20	
3,3'-Dichlorobenzidine	114	10	80.0		143%	13	121	57.2 116	2% 2%	20 27	L1
,4-Dichlorophenol	126	10	160		79%	54	85	128	2% 2%		£1
Plethyl phthalate	65.3	10	80.0	0.08	82%	5 <del>4</del> 59	90	67.7	2% 4%	20	
Dimethyl phthalate	63.1	10	80.0	0,00	79%	58	90 89	65.4	4% 4%	20	
,4-Dimethylphenol	107	10	160	0.11	67%	50	79	109	4% 2%	20 20	
,6-Dinitro-2-methylphenol	123	10	160	U.HI	77%	52	101	128			
,4-Dinitrophenol	113	20	160		71%	35	101	119	4% 5%	20	
,4-Dinitrotoluene	62.9	10	80.0		71%	33 14	146	65.2		30 20	
,6-Dinitrotoluene	62.1	10	80.0		78%	15	144	64.6	4%	20	
luoranthene	46.0	10	60.0	0.02	77%	53	83		4% 2%	20	
luorene	47.3	10	60.0	U.UZ	79%	53 57		47.2 49.7	3%	20	
lexachlorobenzene	58.3	10	80.0		73%	15	91 135	48.7	3% 19/	20	
lexachlorobutadiene	47.9	10	80.0		60%	16	111	59 48.8	1% 2%	20 20	



30-Sep-08

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08090068

Project: BOND & BOND/3917783

QC SUMMARY REPORT

Blank Spike Duplicate

A va a livita	D 1:	nov	SPK	SPK	%	Low	High	RPD	%	RPD	
Analyte	Result	PQL	value	Ref Val	Rec	Limit	Limit	Ref Val	RPD	Limit	Qual
Hexachlorocyclopentadiene	50.8	10	80.0		64%	17	138	55	8%	26	
Hexachloroethane	52.6	10	80.0		66%	19	120	54.1	3%	20	
Indeno[1,2,3-cd]pyrene	51.2	10	60.0	0.08	85%	44	107	53.4	4%	20	
Isophorone	53.3	10	80.0		67%	22	117	56,3	5%	23	
2-Methylnaphthalene	57.2	10	80.0		72%	53	80	58.4	2%	20	
2-Methylphenol	103	10	160		64%	43	70	105	2%	20	
4-Methylphenol	103	10	160		64%	40	72	106	3%	20	
N-Nitrosodi-n-propylamine	55,5	10	80.0	0.19	69%	43	96	58.2	5%	43	
N-Nitrosodiphenylamine	22.1	10	80.0		28%	13	156	22.7	3%	37	
Naphthalene	44.8	10	60.0		75%	54	82	44.7	0%	20	
Nitrobenzene	57.8	10	80.0	0.1	72%	20	127	58,7	2%	20	
2-Nitrophenol	126	10	160		79%	52	90	127	1%	20	
4-Nitrophenol	61.5	10	160	0.72	38%	17	47	63.6	3%	31	
Pentachlorophenol	119	10	160		74%	51	86	124	4%	20	
Phenanthrene	46.8	10	60.0	0.02	78%	56	89	48	3%	20	
Phenol	50.4	10	160	T - T	32%	18	37	51	1%	25	
Pyrene	53.6	10	60.0	0.1	89%	54	86	53.4	0%	20	L1
1,2,4-Trichlorobenzene	56.3	10	80.0	0.1	70%	18	125	56.9	1%	20	
2,4,6-Trichlorophenol	125	10	160		78%	54	90	129	3%	20	
2-Chlorophenol-d4	41.6	N/A	60.0		69%	21	123	123	J /0	20	
1,2-Dichlorobenzene-d4	27.4	N/A	40.0		69%	27	126				
2-Fluorobiphenyl	28.2	N/A	40.0		71%	29	131				
2-Fluorophenol	26.0	N/A	60.0		43%	17	78				
Nitrobenzene-d5	27.5	N/A	40.0		69%	26	131				
Phenol-d6	17.4	N/A	60.0		29%	20 17	53				
4-Terphenyl-d14	34.5	N/A	40.0		29 % 86%	13	124				
2,4,6-Tribromophenol	48.3	N/A	60,0		81%	30	140				



30-Sep-08

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08090068

Project: BOND & BOND/3917783 **QC SUMMARY REPORT** 

Analyte	Result	PQL	SPK value	SPK Ref Val	% Rec	Low Limit	High Limit	RPD % Ref Val RPD	RPD Limit Qual
Sample ID: LCS	Batch ID; R0	80905A		Test	Code: S	W8260B		Date Analyzed: 0	9/05/08 10:17
				Units	s: μg/L			Date Prepared: N/	A
Acetone	44.1	20	40.0		110%	35	229		
Benzene	20.8	0.50	20.0		104%	70	130		
Bromobenzene	19.8	1.5	20.0		99%	70	130		
Bromochloromethane	20.8	0.50	20.0		104%	70	130		
Bromodichloromethane	22.0	0.50	20.0		110%	70	130		
Bromoform	19.3	1.0	20.0		97%	56	137		
Bromomethane	21.7	5.0	20.0		109%	56	137		
2-Butanone	41.8	5.0	40.0		105%	53	168		
n-Butylbenzene	20.7	2.5	20.0		104%	70	130		
sec-Butylbenzene	20.6	1.5	20.0		103%	70	130		
tert-Butylbenzene	21.4	2.5	20.0		107%	70	130		V1
Carbon disulfide	19.8	0.50	20.0		99%	70	130		A 1
Carbon tetrachloride	22.5	0.50	20.0		113%	70	130		V1
Chlorobenzene	20.6	0.50	20.0		103%	70	130		VI
Dibromochloromethane	23.0	0.50	20.0		115%	70	130		
Chloroethane	20.5	4,0	20.0		103%	70	130		
Chloroform	21.3	0.50	20.0		107%	70	130		
Chloromethane	21.7	5.0	20.0		109%	76 56	133		
2-Chlorotoluene	20.1	1.5	20.0		103%	70	130		
4-Chlorotoluene	20.9	2.0	20.0		105%	70 70	130		
1,2-Dibromo-3-chloropropane	18.6	2.0	20.0		93%	54	135		
1,2-Dibromoethane	19.9	0.50	20.0		100%	70	130		
Dibromomethane	21.2	0.50	20.0		106%	70	130		
1,2-Dichlorobenzene	20.4	1.5	20.0		100%	70 70	130		
1,3-Dichlorobenzene	20.7	1.5	20.0		104%	70 70			
1,4-Dichlorobenzene	20.8	1.5	20.0		104%		130		
Dichlorodifluoromethane	19.8	2.0	20.0			70	130		
1,1-Dichloroethane	20.9	1.0	20.0		99%	36	137		
1,2-Dichloroethane	21.2	1.0	20.0		105%	70 70	130		
1.1-Dichloroethene	19.5	0.50	20.0		106% 98%	70 70	130		
cis-1,2-Dichloroethene	19.9	0.50	20.0			70	130		
trans-1,2-Dichloroethene	20.3	0.50			100%	70	130		
1,2-Dichloropropane	20.2	0.50	20.0		102%	70	130		
1,3-Dichloropropane	19.8		20.0		101%	70	130		
2,2-Dichloropropane	21.7	1.0	20.0		99%	70	130		
1,1-Dichloropropene		0.50	20.0		109%	46	147		
cis-1,3-Dichloropropene	18.9	1.0	20.0		95%	70 70	130		
trans-1,3-Dichloropropene	19.7	1.0	20.0		99%	70	130		
Ethylbenzene	21.8	0.50	20.0		109%	70	130		
Hexachlorobutadiene	20.2	2,0	20.0		101%	70	130		
nexacritorobutadierie 2-Hexanone	20.1	5.0	20.0		101%	64	141		
odomethane	35.2	5.0	40.0		88%	63	147		
sopropylbenzene	20.4	2.0	20.0		102%	56	149		
sohi obainettzette	21.4	2.5	20.0		107%	70	130		



30-Sep-08

License No. AZM133/AZ0133

CLIENT:

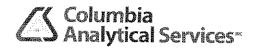
Bristol Environmental & Engineering

Work Order:

08090068

QC SUMMARY REPORT

Project: BO	OND & BOND/39177	783								В	lank Spike
Analyte	Result	PQL	SPK value	SPK Ref Val	% Rec	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
4-Isopropyltoluene	19.0	1.5	20.0	*****	95%	70	130				-
Methylene chloride	21.1	3.0	20.0		106%	70	130				
4-Methyl-2-pentanone	37.2	5.0	40.0		93%	66	146				
Methyl tert-butyl ether	20.4	2.0	20.0		102%	69	128				
Naphthalene	18.5	5.0	20.0		93%	48	142				
n-Propylbenzene	21.1	2.0	20.0		106%	70	130				
Styrene	19.8	1.0	20.0		99%	70	130				
1,1,1,2-Tetrachloroethane	20.6	0.50	20.0		103%	70	130				
1,1,2,2-Tetrachloroethane	19.9	0.50	20.0		100%	70	130				
Tetrachloroethene	18.7	0.50	20.0		94%	70	130				
Toluene	21.9	2.0	20.0		110%	70	130				
1,2,3-Trichlorobenzene	20.4	5.0	20.0		102%	57	139				
1,2,4-Trichlorobenzene	18.5	5.0	20.0		93%	63	129				
1,1,1-Trichloroethane	20.1	0.50	20.0		101%	70	130				
1,1,2-Trichloroethane	19.7	0.50	20.0		99%	70	130				
Trichloroethene	19.6	0.50	20.0		98%	70	130				
Trichlorofluoromethane	23.1	2.0	20.0		116%	56	130				V1
1,2,3-Trichloropropane	18.6	1.0	20.0		93%	68	128				V I
1,2,4-Trimethylbenzene	21,6	2.0	20.0		108%	70	130				
1,3,5-Trimethylbenzene	21.4	1.5	20.0		107%	70	130				
Vinyl acetate	17.0	5.0	20.0		85%	12	167				
Vinyl chloride	16.8	0.50	20.0		84%	60	130				
Xylenes, Total	60.5	3.0	60.0		101%	70	130				
4-Bromofluorobenzene	48.4	N/A	50.0		97%	64	123				
Dibromofluoromethane	49.0	N/A	50.0		98%	59	123				
1,2-Dichloroethane-d4	49.6	N/A	50.0		99%	57	125				
Toluene-d8	52.4	N/A	50.0		105%	66	124				



30-Sep-08

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08090068

Project: BOND & BOND/3917783

QC SUMMARY REPORT

Analyte	Result	PQL	SPK value	SPK Ref Val	% Rec	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Sample ID: LCS	Batch ID: R0	80908A		Test	Code: S	W8260B		Date Analy	zed: 0	9/08/08 10:	09
				Unit	s; μg/L			Date Prepar	ed: N	/A	
Acetone	62.2	20	40.0		156%	35	229				
Benzene	21.0	0.50	20.0		105%	70	130				
Bromobenzene	19.1	1.5	20.0		96%	70	130				
Bromochloromethane	20.5	0.50	20.0		103%	70	130				
Bromodichloromethane	22.4	0.50	20.0		112%	70	130				
Bromoform	18.5	1.0	20.0		93%	56	137				
Bromomethane	23.2	5.0	20.0		116%	56	137				
2-Butanone	46.6	5.0	40.0		117%	53	168				
n-Buty/benzene	19.9	2.5	20.0		100%	70	130				
sec-Butylbenzene	19.8	1.5	20.0		99%	70	130				
tert-Butylbenzene	20.6	2.5	20.0		103%	70	130				
Carbon disulfide	20.7	0.50	20.0		104%	70	130				
Carbon tetrachloride	23.7	0.50	20.0		119%	70	130				
Chlorobenzene	19.8	0.50	20.0		99%	70	130				
Dibromochloromethane	21.8	0.50	20.0		109%	70 70	130				
Chloroethane	22.2	5.0	20.0		111%	70 70					
Chloroform	21.7	0.50	20.0		109%	70 70	130				
Chloromethane	23.2	5.0	20.0		116%	70 56	130				
2-Chlorotoluene	19.3	1.5	20.0		97%	70	133 130				
4-Chlorotoluene	20.0	2.0	20.0		100%	70 70					
1,2-Dibromo-3-chloropropane	17.3	2.0	20.0		87%	70 54	130				
1,2-Dibromoethane	19.3	0.50	20.0		97%	70	135 130				
Dibromomethane	20.3	0.50	20.0		102%	70 70	130				
1,2-Dichlorobenzene	19.1	1.5	20.0		96%	70 70	130				
1,3-Dichlorobenzene	19.5	1.5	20.0		98%	70 70	130				
1,4-Dichlorobenzene	19.5	1.5	20.0		98%	70 70	130				
Dichlorodifluoromethane	21.9	2.0	20.0		110%	70 36					
1,1-Dichloroethane	21.2	1.0	20.0		106%	70	137				
1,2-Dichloroethane	21.7	1.0	20.0		100%	70 70	130				144
1,1-Dichloroethene	20.3	0.50	20.0		109%		130				V1
cis-1,2-Dichloroethene	19.9	0.50	20.0			70 70	130				
trans-1,2-Dichloroethene	20.3	0.50	20.0		100%	70 70	130				
1,2-Dichloropropane	20.5	0.50			102%	70	130				
1,3-Dichloropropane	19.0		20.0		103%	70	130				
2,2-Dichloropropane	23.3	1.0	20.0		95%	70	130				
1,1-Dichloropropene		0.50	20.0		117%	46	147				
cis-1,3-Dichloropropene	20.0	1.0	20.0		100%	70	130				
rans-1,3-Dichloropropene	19.8	1.0	20.0		99%	70 70	130				
Ethylbenzene	21.0	0.50	20.0		105%	70	130				
-tryberizerie Hexachlorobutadiene	19.3	2.0	20.0		97%	70	130				
2-Hexanone	19.4	5.0	20.0		97%	64	141				
odomethane	35.9	5.0	40.0		90%	63	147				
sopropylbenzene	19.7	2.0	20.0		99%	56	149				
sopropymenzene	20.7	2.5	20.0		104%	70	130				



30-Sep-08

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

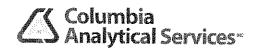
Work Order:

08090068

Project: BOND & BOND/3917783

QC SUMMARY REPORT

Analyte	Result	PQL	SPK value	SPK Ref Val	% Rec	Low Limit	High Limit	RPD	% DDD	RPD	0 1
1-isopropyltoluene	18.3			ICI VAI				Ref Val	RPD	Limit	Qual
Methylene chloride		1.5	20.0		92%	70	130				
4-Methyl-2-pentanone	20.4	3.0	20.0		102%	70	130				
Methyl tert-butyl ether	37.6	5.0	40.0		94%	66	146				
Naphthalene	20.3	2.0	20.0		102%	69	128				
n-Propylbenzene	17.2	5.0	20.0		86%	48	142				
Styrene	20.5	2.0	20.0		103%	70	130				
1,1,1,2-Tetrachloroethane	18.9	1.0	20.0		95%	70	130				
1,1,2,2-Tetrachloroethane	19.9	0.50	20.0		100%	70	130				
Tetrachloroethene	18.7	0.50	20.0		94%	70	130				
Toluene	18.5	0.50	20.0		93%	70	130				
1,2,3-Trichlorobenzene	22.3	2.0	20.0		112%	70	130				
1,2,4-Trichlorobenzene	19.0	5.0	20.0		95%	57	139				
i,1,1-Trichloroethane	17.0	5.0	20.0		85%	63	129				
I,1,2-Trichloroethane	21.4	0.50	20.0		107%	70	130				
richloroethene	19.1	0.50	20.0		96%	70	130				
richlorofluoromethane	20.0	0.50	20.0		100%	70	130				
	25.6	2.0	20.0		128%	56	130				
,2,3-Trichloropropane	17.7	1.0	20.0		89%	68	128				
1,2,4-Trimethylbenzene	20.5	2.0	20.0		103%	70	130				
1,3,5-Trimethylbenzene	20.8	1.5	20.0		104%	70	130				
/inyl acetate	16.6	5.0	20.0		83%	12	167				
/inyl chloride	18.9	0.50	20.0		95%	60	130				
(ylenes, Total	59.4	3.0	60.0		99%	70	130				
-Bromofluorobenzene	47.3	N/A	50.0		95%	64	123				
Dibromofluoromethane	48.6	N/A	50.0		97%	59	123				
,2-Dichloroethane-d4	51.1	N/A	50.0		102%	57	125				
oluene-d8	52.7	N/A	50.0		105%	66	124				



30-Sep-08

Blank Spike Duplicate

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08090068

Project:

BOND & BOND/3917783

**QC SUMMARY REPORT** 

Analyte	Result	PQL	SPK value	SPK Ref Val	% Rec	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Sample ID: LCSD	Batch ID; R0	80905A		Test	Code: S	W8260B	· · · · · · · · · · · · · · · · · · ·	Date Analy:	zed: 09	/05/08 10:3	39
				Unit	s: μg/L			Date Prepar	ed: N/A	1	
Acetone	52.6	20	40.0		132%	35	229	44.1	18%	20	
Benzene	22.2	0.50	20.0		111%	70	130	20.8	7%	20	
Bromobenzene	20.7	1.5	20.0		104%	70	130	19.8	4%	20	
Bromochloromethane	21.9	0.50	20.0		110%	70	130	20.8	5%	20	
Bromodichloromethane	22.7	0.50	20.0		114%	70	130	22	3%	20	
Bromoform	20.1	1.0	20.0		101%	56	137	19.3	4%	20	
3romomethane	23.1	5.0	20.0		116%	56	137	21.7	6%	24	
2-Butanone	45.3	5.0	40.0		113%	53	168	41.8	8%	29	
-Butylbenzene	22.3	2.5	20.0		112%	70	130	20.7	7%	20	
ec-Butylbenzene	22.3	1.5	20.0		112%	70	130	20.7	8%	20	
ert-Butylbenzene	23.2	2.5	20.0		116%	70	130	20.0	0% 8%	20	V1
Carbon disulfide	21.2	0.50	20.0		106%	70 70	130	21.4 19.8			V I
Carbon tetrachloride	23.5	0.50	20.0		118%	70 70			7%	20	174
Chlorobenzene	21.9	0.50	20.0		110%		130	22.5	4%	20	V1
Dibromochloromethane	23.7	0.50	20.0		119%	70 70	130	20.6	6%	20	
hloroethane	22.2	4.0	20.0			70 70	130	23	3%	20	
hloroform	22.6	0.50	20.0		111%	70	130	20.5	8%	20	
hloromethane	23.6	5.0			113%	70 50	130	21.3	6%	20	
-Chlorotoluene	21.4		20.0		118%	56	133	21.7	8%	20	
-Chlorotoluene		1.5	20.0		107%	70	130	20.1	6%	20	
,2-Dibromo-3-chloropropane	22.0	2.0	20.0		110%	70	130	20.9	5%	20	
2-Dibromoethane	20.0	2.0	20.0		100%	54	135	18.6	7%	20	
ibromomethane	21.1	0.50	20.0		106%	70	130	19.9	6%	20	
,2-Dichlorobenzene	22.1	0.50	20.0		111%	70	130	21.2	4%	20	
,3-Dichlorobenzene	21.4	1.5	20.0		107%	70	130	20.4	5%	20	
4-Dichlorobenzene	21.9	1.5	20.0		110%	70	130	20.7	6%	20	
ichlorodifluoromethane	21.4	1.5	20.0		107%	70	130	20.8	3%	20	
	20.2	2.0	20.0		101%	36	137	19.8	2%	20	
,1-Dichloroethane	22.2	1.0	20.0		111%	70	130	20.9	6%	20	
2-Dichloroethane	22.0	1.0	20.0		110%	70	130	21.2	4%	20	
1-Dichloroethene	21.1	0.50	20.0		106%	70	130	19.5	8%	20	
s-1,2-Dichloroethene	21.5	0.50	20.0		108%	70	130	19,9	8%	20	
ans-1,2-Dichloroethene	22.2	0.50	20.0		111%	70	130	20.3	9%	20	
2-Dichloropropane	21.5	0.50	20.0		108%	70	130	20.2	6%	20	
3-Dichloropropane	20.3	1.0	20.0		102%	70	130	19.8	2%	20	
2-Dichloropropane	23.3	0.50	20.0		117%	46	147	21.7	7%	20	
1-Dichloropropene	20.4	1.0	20.0		102%	70	130	18.9	8%	20	
s-1,3-Dichloropropene	20.6	1.0	20.0		103%	70	130	19.7	4%	20	
ins-1,3-Dichloropropene	22.4	0.50	20.0		112%	70	130	21.8	3%	20	
hylbenzene	21.8	2.0	20.0		109%	70	130	20.2	8%	20	
exachlorobutadiene	21.4	5.0	20.0		107%	64	141	20.1	6%	21	
Hexanone	38.0	5.0	40.0		95%	63	147	35.2	8%	20	
domethane	22.2	2.0	20.0		111%	56	149	20.4	8%	20	
opropylbenzene	23.2	2.5	20.0		116%	70	130	21.4	8%	20	



30-Sep-08

Blank Spike Duplicate

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

52.1

N/A

50.0

Work Order:

Toluene-d8

08090068

Project: BOND & BOND/3917783

**QC SUMMARY REPORT** 

SPK **SPK** % Low High **RPD** % **RPD** Analyte Result POL value Ref Val Rec Limit Limit Ref Val **RPD** Limit Qual 4-Isopropyltoluene 20.2 1.5 20.0 101% 70 130 19 6% 20 Methylene chloride 21.8 3.0 20.0 109% 70 130 21.1 3% 20 4-Methyl-2-pentanone 38.7 5.0 40.0 97% 66 146 37.2 4% 20 Methyl tert-butyl ether 21.8 2.0 20.0 109% 69 128 20.4 7% 20 Naphthalene 19.6 5.0 20.0 98% 48 142 18.5 6% 25 n-Propylbenzene 22.6 2.0 20.0 113% 70 130 21.1 7% 20 Styrene 21.3 1.0 20.0 107% 70 130 19.8 7% 20 1,1,1,2-Tetrachloroethane 22.0 0.50 20.0 110% 70 130 20.6 7% 20 1,1,2,2-Tetrachloroethane 20.3 0.50 20.0 102% 70 130 19.9 2% 20 Tetrachloroethene 20,3 0.50 20.0 102% 70 130 18.7 8% 20 Toluene 23.3 2.0 20.0 117% 70 130 21.9 6% 20 1,2,3-Trichlorobenzene 21.6 5.0 20.0 108% 57 139 20.4 6% 25 1,2,4-Trichlorobenzene 19.6 5.0 20.0 98% 63 129 18.5 6% 20 1,1,1-Trichloroethane 21.9 0.50 20.0 110% 70 130 20.1 9% 20 1,1,2-Trichloroethane 20.3 0.50 20.0 102% 70 130 19.7 3% 20 Trichloroethene 21.0 0.50 20.0 105% 70 130 19.6 7% 20 Trichlorofluoromethane 23.9 2.0 20.0 120% 56 130 23.1 3% 20 V1 1,2,3-Trichloropropane 19.6 1.0 20.0 98% 68 128 18.6 5% 20 1,2,4-Trimethylbenzene 23.0 2.0 20.0 115% 70 130 21.6 6% 20 1,3,5-Trimethylbenzene 22.9 1.5 20.0 115% 70 130 21.4 7% 20 Vinyl acetate 18.1 5.0 20.0 91% 12 167 17 6% 33 Vinyl chloride 18.2 0.50 20.0 91% 60 130 16.8 8% 20 Xylenes, Total 65.8 3.0 60.0 110% 70 130 60.5 20 8% 4-Bromofluorobenzene 48.4 N/A 50.0 97% 64 123 Dibromofluoromethane 49.6 N/A 50.0 99% 59 123 1.2-Dichloroethane-d4 50.1 N/A 50.0 100% 57 125

104%

66

124



30-Sep-08

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

BOND & BOND/3917783

Work Order:

Project:

08090068

**QC SUMMARY REPORT** 

Blank Spike Duplicate

Analyte	Result	PQL	SPK value	SPK Ref Val	% Rec	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Sample ID: LCSD	Batch ID; R0	80908A		Test	Code: S	W8260B		Date Analy:	zed: 09	/08/08 10::	30
				Unit	s: μg/L			Date Prepar			
Acetone	61.5	20	40.0		154%	35	229	62.2	1%	20	
Benzene	21.9	0.50	20.0		110%	70	130	21	4%	20	
Bromobenzene	20.0	1.5	20.0		100%	70	130	19.1	5%	20	
Bromochloromethane	20.8	0.50	20.0		104%	70	130	20.5	1%	20	
Bromodichloromethane	22.9	0.50	20.0		115%	70	130	22.4	2%	20	
Bromoform	19.8	1.0	20.0		99%	56	137	18.5	7%	20	
Bromomethane	23.6	5.0	20.0		118%	56	137	23.2	2%	24	
2-Butanone	47.2	5.0	40.0		118%	53	168	46.6	1%	29	
n-Butylbenzene	21.2	2.5	20.0		106%	70	130	19.9	6%	20	
sec-Butylbenzene	21.0	1.5	20.0		105%	70	130	19.8	6%	20	
tert-Butylbenzene	22.0	2.5	20.0		110%	70	130	20.6	7%	20	
Carbon disulfide	21.5	0.50	20.0		108%	70	130	20.7	4%	20	
Carbon tetrachloride	24.6	0.50	20.0		123%	70	130	23.7	4% 4%	20	
Chlorobenzene	21.2	0.50	20.0		106%	70	130	19.8	4% 7%	20	
Dibromochloromethane	23.2	0.50	20.0		116%	70	130	21.8	6%		
Chloroethane	22.6	5.0	20.0		113%	70 70	130	22.2	0% 2%	20	
Chloroform	22.2	0.50	20.0		111%	70 70	130	22.2		20	
Chloromethane	23.9	5.0	20.0		120%	70 56	133		2%	20	
2-Chlorotoluene	20.5	1.5	20.0		103%	70		23.2	3%	20	
4-Chlorotoluene	21.4	2.0	20.0		107%	70 70	130 130	19.3	6%	20	
1,2-Dibromo-3-chloropropane	19.5	2.0	20.0		98%	70 54	135	20	7%	20	
1,2-Dibromoethane	20.4	0.50	20.0		102%	70		17.3	12%	20	
Dibromomethane	21.5	0.50	20.0		102%	70 70	130	19.3	6%	20	
1,2-Dichlorobenzene	20.5	1.5	20.0		103%		130	20.3	6%	20	
1,3-Dichlorobenzene	20.9	1.5	20.0		105%	70 70	130	19.1	7%	20	
1,4-Dichlorobenzene	20.3	1.5	20.0			70 70	130	19.5	7%	20	
Dichlorodifluoromethane	22.1	2.0	20.0		102%	70 26	130	19.5	4%	20	
1.1-Dichloroethane	21.8	1.0	20.0		111%	36	137	21.9	1%	20	
1,2-Dichloroethane	22.3	1.0	20.0		109%	70	130	21.2	3%	20	144
1,1-Dichloroethene	21.6	0.50			112%	70	130	21.7	3%	20	V1
cis-1,2-Dichloroethene	21.0		20.0		108%	70	130	20.3	6%	20	
trans-1,2-Dichloroethene		0.50	20.0		106%	70	130	19.9	6%	20	
1,2-Dichloropropane	21.5	0.50	20.0		108%	70	130	20.3	6%	20	
1,3-Dichloropropane	21.2	0.50	20.0		106%	70	130	20.5	3%	20	
2,2-Dichloropropane	20.0	1.0	20.0		100%	70	130	19	5%	20	
1,1-Dichloropropene	24.3	0.50	20.0		122%	46	147	23.3	4%	20	
	21.4	1.0	20.0		107%	70	130	20	7%	20	
cis-1,3-Dichloropropene	20.8	1.0	20.0		104%	70	130	19.8	5%	20	
rans-1,3-Dichloropropene Ethylbenzene	22.3	0.50	20.0		112%	70	130	21	6%	20	
*	21.1	2.0	20.0		106%	70	130	19.3	9%	20	
dexachlorobutadiene	20.5	5.0	20.0		103%	64	141	19.4	6%	21	
2-Hexanone	37.9	5.0	40.0		95%	63	147	35.9	5%	20	
odomethane	21.2	2.0	20.0		106%	56	149	19.7	7%	20	
sopropylbenzene	22.2	2.5	20.0		111%	70	130	20.7	7%	20	



30-Sep-08

License No. AZM133/AZ0133

CLIENT:

Bristol Environmental & Engineering

BOND & BOND/3917783

Work Order:

08090068

Project: BOND &

**QC SUMMARY REPORT** 

Blank Spike Duplicate

Analyte	Result	PQL	SPK value	SPK Ref Val	% Dan	Low	High	RPD	%	RPD	
				Kei vai	Rec	Limit	Limit	Ref Val	RPD	Limit	Qual
4-Isopropyltoluene	19.6	1.5	20.0		98%	70	130	18.3	7%	20	
Methylene chloride	21.4	3.0	20.0		107%	70	130	20.4	5%	20	
4-Methyl-2-pentanone	38.5	5.0	40.0		96%	66	146	37.6	2%	20	
Methyl tert-butyl ether	21.3	2.0	20.0		107%	69	128	20.3	5%	20	
Naphthalene	18.1	5.0	20.0		91%	48	142	17.2	5%	25	
n-Propylbenzene	21.8	2.0	20.0		109%	70	130	20.5	6%	20	
Styrene	20.3	1.0	20.0		102%	70	130	18.9	7%	20	
1,1,1,2-Tetrachloroethane	21.3	0.50	20.0		107%	70	130	19.9	7%	20	
1,1,2,2-Tetrachloroethane	19.9	0.50	20.0		100%	70	130	18.7	6%	20	
Tetrachloroethene	19.8	0.50	20.0		99%	70	130	18.5	7%	20	
Toluene	23.4	2.0	20.0		117%	70	130	22.3	5%	20	
1,2,3-Trichlorobenzene	19.9	5.0	20.0		100%	57	139	19	5%	25	
1,2,4-Trichlorobenzene	18.1	5.0	20.0		91%	63	129	17	6%	20	
1,1,1-Trichloroethane	22.1	0.50	20.0		111%	70	130	21.4	3%	20	
1,1,2-Trichloroethane	20.3	0.50	20.0		102%	70	130	19.1	6%	20	
Trichloroethene	21.0	0.50	20.0		105%	70	130	20	5%	20	
Trichlorofluoromethane	26.3	2.0	20.0		132%	56	130	25.6	3%	20	L1
1,2,3-Trichloropropane	19.1	1.0	20.0		96%	68	128	17.7	8%	20	
1,2,4-Trimethylbenzene	21.8	2.0	20.0		109%	70	130	20.5	6%	20	
1,3,5-Trimethylbenzene	22.1	1.5	20.0		111%	70	130	20.8	6%	20	
√inyl acetate	17.2	5.0	20.0		86%	12	167	16.6	4%	33	
Vinyl chloride	19.4	0.50	20.0		97%	60	130	18.9	3%	20	
Kylenes, Total	63.0	3.0	60.0		105%	70	130	59.4	6%	20	
1-Bromofluorobenzene	48.6	N/A	50.0		97%	64	123	00.4	0.70	20	
Dibromofluoromethane	49.4	N/A	50.0		99%	59	123				
,2-Dichloroethane-d4	50.4	N/A	50.0		101%	57	125				
Foluene-d8	53.3	N/A	50.0		107%	66	124				
Sample ID: LCSP-1374	Batch ID: 1374			Test (	Code: S		161	Date Analyz	od: 00/	18/08 20-5	: A
<b>F</b> · · · · · · · · ·	<b>5</b>			Units:		., 5002		Date Prepare			) "T
Aroclor 1016	33.1	1.0	40.0		83%	64	122	- soo i ropare			
Aroclor 1260	34.0	1.0	40.0		85%	59	126				
Decachlorobiphenyl	3.03	N/A	4.00		76%	3	156				
CMX	3.03	N/A	4.00		76%	3	150				
Sample ID: LCSPD-1374	Batch ID: 1374			Test C	Code: SV	W8082		Date Analyz	ed: 09/	18/08 21:1	3
				Units:	ug/L			Date Prepare			
vrocior 1016	35.7	1.0	40.0		89%	64	122	33.1	8%	25	
Aroclor 1260	36.7	1.0	40.0		92%	59	126	34	8%	24	
ecachlorobiphenyl	3.31	N/A	4.00		83%	3	156	•	•		
CMX	3.30	N/A	4.00		83%	3	150				



September 30, 2008

Scott Ruth Bristol Environmental & Engineering 111 W. 16th Ave., Ste 301 Anchorage, AK 99501

Re: BOND & BOND/3917783 Work Order No.: 08090068

Dear Scott,

Attached is the original Report of Analysis from TestAmerica (AZ0728) for the samples received on 9/04/08. The following analyses were performed:

> Method EPA 5030B/8015D - Volatile Fuel Hydrocarbons Method EPA 8011 - EDB and DBCP

If you have any questions regarding the results, please call me. We appreciate your business and thank you for choosing Columbia Analytical Services.

Sincerely,

Marcia A. Smith Project Manager

ADHS License No. AZ0133/AZ0667/AZM133



### LABORATORY REPORT

Prepared For: Columbia Analytical Services - Phoenix

3725 E. Atlanta Ave. Suite 2

Phoenix, AZ 85040 Attention: Marcia Smith Project: 08090068/Bond &Bond 3917783

Sampled: 09/02/08 Received: 09/05/08

Issued: 09/17/08 15:54

#### NELAP #01109CA Arizona DHS#AZ0728

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.

This entire report was reviewed and approved for release.

#### CASE NARRATIVE

LABORATORY ID	CLIENT ID	MATRIX
PRI0350-01	MW-8	Water
PRI0350-02	MW-9	Water
PRI0350-03	MW-10	Water
PRI0350-04	MW-11	Water
PRI0350-05	MW-12	Water
PRI0350-06	MW-13	Water
PRI0350-07	MW-14	Water
PRI0350-08	MW-15	Water
PRI0350-09	MW-16	Water
PRI0350-10	Trip Blank	Water



454-930

Columbia Analytical Services - Phoenix

3725 E. Atlanta Ave. Suite 2

Phoenix, AZ 85040

Project ID: 08090068/Bond &Bond 3917783

Report Number: PRI0350

Sampled: 09/02/08

Received: 09/05/08

SAMPLE RECEIPT:

Attention: Marcia Smith

Samples were received intact, at 4°C, on ice and with chain of custody documentation.

HOLDING TIMES:

All samples were analyzed within prescribed holding times and/or in accordance with the TestAmerica

Sample Acceptance Policy unless otherwise noted in the report.

PRESERVATION:

Samples requiring preservation were verified prior to sample analysis.

QA/QC CRITERIA:

All analyses met method criteria, except as noted in the report with data qualifiers.

N1a-Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.

N1-The RPD exceeded the acceptance limit due to sample matrix effects.

COMMENTS:

No significant observations were made.

SUBCONTRACTED:

Refer to the last page for specific subcontract laboratory information included in this report.

Reviewed By:

TestAmerica Phoenix

Kylie Emily Project Manager



Columbia Analytical Services - Phoenix

3725 E. Atlanta Ave. Suite 2

Attention: Marcia Smith

Phoenix, AZ 85040

4625 East Cotton Center Blvd. Ste 189, Phoenix, AZ 85040 (602) 437-3340 Fax:(602) 454-9303

Project II

Project ID: 08090068/Bond &Bond 3917783

Report Number: PRI0350

Sampled: 09/02/08

Received: 09/05/08

## **VOLATILE FUEL HYDROCARBONS (EPA 5030B/8015D)**

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: PRI0350-01 (MW-8 - Water) Reporting Units: mg/l Volatile Fuel Hydrocarbons Surrogate: 4-BFB (FID) (60-130%)	EPA 8015D	P8I0923	0.20	1.0 163 %	Sampled:	<b>09/02/08</b> 9/9/2008	9/9/2008	N1a
Sample ID: PRI0350-02 (MW-9 - Water) Reporting Units: mg/l Volatile Fuel Hydrocarbons Surrogate: 4-BFB (FID) (60-130%)	EPA 8015D	P811122	1.0	<b>2.8</b> 159 %	Sampled:	<b>09/02/08</b> 9/11/2008	9/11/2008	Nla
Sample ID: PRI0350-03 (MW-10 - Water) Reporting Units: mg/l Volatile Fuel Hydrocarbons Surrogate: 4-BFB (FID) (60-130%)	EPA 8015D	P8I0923	1.0	<b>4.9</b> 176 %	Sampled:	<b>09/02/08</b> 9/9/2008	9/9/2008	Nla
Sample ID: PRI0350-04 (MW-11 - Water) Reporting Units: mg/l Volatile Fuel Hydrocarbons Surrogate: 4-BFB (FID) (60-130%)	EPA 8015D	P8I0923	0.20	ND 87 %	Sampled:	9/9/2008	9/10/2008	
Sample ID: PRI0350-05 (MW-12 - Water) Reporting Units: mg/l Volatile Fuel Hydrocarbons Surrogate: 4-BFB (FID) (60-130%)	EPA 8015D	P8I0923	0.20	ND 88 %	Sampled:	9/9/2008	9/10/2008	
Sample ID: PRI0350-06 (MW-13 - Water) Reporting Units: mg/l Volatile Fuel Hydrocarbons Surrogate: 4-BFB (FID) (60-130%)	EPA 8015D	P8I0923	0.20	ND 78 %	Sampled:	<b>09/02/08</b> 9/9/2008	9/10/2008	
Sample ID: PRI0350-07 (MW-14 - Water) Reporting Units: mg/l Volatile Fuel Hydrocarbons Surrogate: 4-BFB (FID) (60-130%)	EPA 8015D	P8I0923	0.20	ND 84 %	Sampled:	<b>9/9/2008</b>	9/10/2008	
Sample ID: PRI0350-08 (MW-15 - Water) Reporting Units: mg/l Volatile Fuel Hydrocarbons Surrogate: 4-BFB (FID) (60-130%)	EPA 8015D	P8I1122	0.20	ND 86 %	Sampled:	09/02/08 9/11/2008	9/11/2008	

#### TestAmerica Phoenix

Kylie Emily Project Manager



454-930

Columbia Analytical Services - Phoenix

3725 E. Atlanta Ave. Suite 2

Phoenix, AZ 85040

Attention: Marcia Smith

Project ID: 08090068/Bond &Bond 3917783

Report Number: PRI0350

Sampled: 09/02/08

Received: 09/05/08

## **VOLATILE FUEL HYDROCARBONS (EPA 5030B/8015D)**

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: PRI0350-09 (MW-16 - Water)					Sampled:	09/02/08		
Reporting Units: mg/l Volatile Fuel Hydrocarbons Surrogate: A RER (EID) (60, 120%)	EPA 8015D	P8I1122	0.20	ND	1	9/11/2008	9/11/2008	
Surrogate: 4-BFB (FID) (60-130%)	Li A 0015D	1 011 122	0.20	82 %	i	9/11/2008	9/11/2008	



THE LEADER IN ENVIRONMENTAL TESTING

4625 East Cotton Center Blvd. Ste 189, Phoenix, AZ 85040 (602) 437-3340 Fax:(602)

Project ID: 08090068/Bond &Bond 3917783

3725 E. Atlanta Ave. Suite 2

Columbia Analytical Services - Phoenix

Phoenix, AZ 85040 Attention: Marcia Smith Report Number: PRI0350

Sampled: 09/02/08 Received: 09/05/08

### EDB and DBCP by EPA Method 8011

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: PRI0350-01 (MW-8 - Water) Reporting Units: %					Sampled:	09/02/08		
1,2-Dibromoethane (EDB)	SW846 8011	8092145	2.09E-9	ND	1.04	9/15/2008	9/16/2008	
1,2-Dibromo-3-chloropropane	SW846 8011	8092145	1.04E-8	ND	1.04	9/15/2008	9/16/2008	
Surrogate: 1,3-Dichlorobenzene (44-150%)				104 %				
Sample ID: PRI0350-02 (MW-9 - Water)					Sampled:	09/02/08		
Reporting Units: %					•			
1,2-Dibromoethane (EDB)	SW846 8011	8092145	2.00E-9	ND	1	9/15/2008	9/16/2008	
1,2-Dibromo-3-chloropropane	SW846 8011	8092145	1.00E-8	ND	1	9/15/2008	9/16/2008	
Surrogate: 1,3-Dichlorobenzene (44-150%)				120 %				
Sample ID: PRI0350-03 (MW-10 - Water) Reporting Units: %					Sampled:	09/02/08		
1,2-Dibromoethane (EDB)	SW846 8011	8092145	2.05E-9	ND	1.02	9/15/2008	9/16/2008	
1,2-Dibromo-3-chloropropane	SW846 8011	8092145	1.02E-8	ND	1.02	9/15/2008	9/16/2008	
Surrogate: 1,3-Dichlorobenzene (44-150%)				103 %				
Sample ID: PRI0350-04 (MW-11 - Water) Reporting Units: %		÷			Sampled:	09/02/08		
1,2-Dibromoethane (EDB)	SW846 8011	8092145	2.03E-9	ND	1.01	9/15/2008	9/16/2008	
1,2-Dibromo-3-chloropropane	SW846 8011	8092145	1.01E-8	ND	1.01	9/15/2008	9/16/2008	
Surrogate: 1,3-Dichlorobenzene (44-150%)				104 %				
Sample ID: PRI0350-05 (MW-12 - Water) Reporting Units: %					Sampled:	09/02/08		
1,2-Dibromoethane (EDB)	SW846 8011	8092145	2.01E-9	ND	j	9/15/2008	9/16/2008	
1,2-Dibromo-3-chloropropane	SW846 8011	8092145	1.00E-8	ND	1	9/15/2008	9/16/2008	
Surrogate: 1,3-Dichlorobenzene (44-150%)				108 %				
Sample ID: PRI0350-06 (MW-13 - Water) Reporting Units: %					Sampled:	09/02/08		
1,2-Dibromoethane (EDB)	SW846 8011	8092145	2.00E-9	ND	1	9/15/2008	9/16/2008	
1,2-Dibromo-3-chloropropane	SW846 8011	8092145	1.00E-8	ND	1	9/15/2008	9/16/2008	
Surrogate: 1,3-Dichlorobenzene (44-150%)		~~~~		119 %	•	J/15/2000	3/10/2000	
Sample ID: PRI0350-07 (MW-14 - Water)					Sampled:	09/02/08		
Reporting Units: %	0337947 9011	0000115	0.00D 0	3.173		0/2 = 4= 0.5 =		
1,2-Dibromoethane (EDB)	SW846 8011	8092145	2.03E-9	ND	1.02	9/15/2008	9/16/2008	
1,2-Dibromo-3-chloropropane Surrogate: 1,3-Dichlorobenzene (44-150%)	SW846 8011	8092145	1.02E-8	ND 103 %	1.02	9/15/2008	9/16/2008	

#### TestAmerica Phoenix

Kylie Emily Project Manager



Attention: Marcia Smith

THE LEADER IN ENVIRONMENTAL TESTING 4625 East Cotton Center Blvd. Ste 189, Phoenix, AZ 85040 (602) 437-3340 Fax: (602)

Columbia Analytical Services - Phoenix Project ID: 08090068/Bond &Bond 3917783

3725 E. Atlanta Ave. Suite 2
Phoenix, AZ 85040
Report Number: PRI0350
Rec

Sampled: 09/02/08 Received: 09/05/08

#### EDB and DBCP by EPA Method 8011

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers	
Sample ID: PRI0350-08 (MW-15 - Water)					Sampled:	09/02/08			
Reporting Units: %					·				
1,2-Dibromoethane (EDB)	SW846 8011	8092145	2.06E-9	ND	1.03	9/15/2008	9/16/2008		
1,2-Dibromo-3-chloropropane	SW846 8011	8092145	1.03E-8	ND	1.03	9/15/2008	9/16/2008		
Surrogate: 1,3-Dichlorobenzene (44-150%)				93 %					
Sample ID: PRI0350-09 (MW-16 - Water)					Sampled:	09/02/08			
Reporting Units: %					•				
1,2-Dibromoethane (EDB)	SW846 8011	8092145	2.08E-9	ND	1.04	9/15/2008	9/16/2008		
1,2-Dibromo-3-chloropropane	SW846 8011	8092145	1.04E-8	ND	1.04	9/15/2008	9/16/2008		
Surrogate: 1,3-Dichlorobenzene (44-150%)				95 %					
Sample ID: PRI0350-10 (Trip Blank - Water)				Sampled: 09/02/08					
Reporting Units: %	CHIO ( 2 0011	000011#	0.0077.0						
1,2-Dibromoethane (EDB)	SW846 8011	8092145	2.03E-9	ND	1.01	9/15/2008	9/16/2008		
1,2-Dibromo-3-chloropropane	SW846 8011	8092145	1.01E-8	ND	1.01	9/15/2008	9/16/2008		
Surrogate: 1,3-Dichlorobenzene (44-150%)				105 %					



Columbia Analytical Services - Phoenix

3725 E. Atlanta Ave, Suite 2

Phoenix, AZ 85040 Attention: Marcia Smith Project ID: 08090068/Bond &Bond 3917783

Report Number: PRI0350

Sampled: 09/02/08

Received: 09/05/08

#### METHOD BLANK/QC DATA

## **VOLATILE FUEL HYDROCARBONS (EPA 5030B/8015D)**

		Reporting		Spike	Source		%REC		RPD	Data
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Qualifiers
Batch: P810923 Extracted: 09/09/08										
Blank Analyzed: 09/09/2008 (P810923-B	LK1)									
Volatile Fuel Hydrocarbons	ND	0.20	mg/l							
Surrogate: 4-BFB (FID)	0.0677		mg/l	0.0800		85	60-130			
LCS Analyzed: 09/09/2008 (P8I0923-BS	1)									
Volatile Fuel Hydrocarbons	0.500	0.20	mg/l	0.500		100	80-115			
Surrogate: 4-BFB (FID)	0.0762		mg/l	0.0800		95	60-130			
LCS Dup Analyzed: 09/09/2008 (P81092	3-BSD1)									
Volatile Fuel Hydrocarbons	0.487	0.20	mg/l	. 0.500		97	80-115	3	20	
Surrogate: 4-BFB (FID)	0.0776		mg/l	0.0800		97	60-130			
Matrix Spike Analyzed: 09/09/2008 (P8)	(0923-MS1)				Source: P	RH1738-1	1			
Volatile Fuel Hydrocarbons	13.8	2.0	mg/l	5.00	9.52	86	75-115			
Surrogate: 4-BFB (FID)	0.0837		mg/l	0.0800		105	60-130			
Matrix Spike Dup Analyzed: 09/09/2008	(P810923-MS	D1)		Source: PRH1738-11						
Volatile Fuel Hydrocarbons	13.9	2.0	mg/l	5.00	9.52	88	75-115	1	15	
Surrogate: 4-BFB (FID)	0.0833		mg/l	0.0800		104	60-130			
Batch: P8I1122 Extracted: 09/11/08										
Blank Analyzed: 09/11/2008 (P8I1122-B	LK1)									
Volatile Fuel Hydrocarbons	ND	0.20	mg/l							
Surrogate: 4-BFB (FID)	0.0680		mg/l	0.0800		85	60-130			
LCS Analyzed: 09/11/2008 (P8I1122-BS	1)									
Volatile Fuel Hydrocarbons	0.492	0.20	mg/l	0.500		98	80-115			
Surrogate: 4-BFB (FID)	0.0720		mg/l	0.0800		90	60-130			

#### TestAmerica Phoenix

Kylie Emily Project Manager



454-9303

Columbia Analytical Services - Phoenix

3725 E. Atlanta Ave. Suite 2

Phoenix, AZ 85040

Attention: Marcia Smith

Project ID: 08090068/Bond &Bond 3917783

Report Number: PRI0350

Sampled: 09/02/08

Received: 09/05/08

#### METHOD BLANK/QC DATA

### **VOLATILE FUEL HYDROCARBONS (EPA 5030B/8015D)**

		Reporting		Spike	Source		%REC		RPD	Data
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Qualifiers
Batch: P8I1122 Extracted: 09/11/08										
LCS Dup Analyzed: 09/11/2008 (P8I112	22-BSD1)									
Volatile Fuel Hydrocarbons	0.464	0.20	mg/l	0.500		93	80-115	6	20	•
Surrogate: 4-BFB (FID)	0.0733		mg/l	0.0800		92	60-130			
Matrix Spike Analyzed: 09/11/2008 (P8	11122-MS1)				Source: P	R10350-02	2			
Volatile Fuel Hydrocarbons	4.97	1.0	mg/l	2.50	2.80	87	75-115			
Surrogate: 4-BFB (FID)	0.131		mg/l	0.0800		163	60-130			NIa
Matrix Spike Dup Analyzed: 09/11/200	8 (P8H122-M	(SD1)			Source: P	RI0350-02	2			
Volatile Fuel Hydrocarbons	4.06	1.0	mg/l	2.50	2.80	51	75-115	20	15	M2, NI
Surrogate: 4-BFB (FID)	0.108		mg/l	0.0800	•	1.35	60-130			Nla



Columbia Analytical Services - Phoenix

3725 E. Atlanta Ave. Suite 2

Phoenix, AZ 85040 Attention: Marcia Smith Project ID: 08090068/Bond &Bond 3917783

Report Number: PRI0350

Sampled: 09/02/08 Received: 09/05/08

### METHOD BLANK/QC DATA

## EDB and DBCP by EPA Method 8011

	Reporting		Spike	Spike Source		%REC		RPD	Data	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Qualifiers
Batch: 8092145 Extracted: 09/15/08										
Blank Analyzed: 09/16/2008 (8092145	5-BLK1)									
1,2-Dibromoethane (EDB)	ND	2.00E-9	%							
1,2-Dibromo-3-chloropropane	ND	1.00E-8	%							
Surrogate: 1,3-Dichlorobenzene	1.00E-6	•	%	5.71E-7		175	44-150			S4
LCS Analyzed: 09/16/2008 (8092145-)	BS1)			•						
1,2-Dibromoethane (EDB) [2C]	3.429E-8	2.00E-9	%	2.86E-8		120	60-141			
1,2-Dibromo-3-chloropropane	4.000E-8	1.00E-8	%	2.86E-8		140	54-150			
Surrogate: 1,3-Dichlorobenzene	7.49E-7		%	5.71E-7		131	44-150			
Matrix Spike Analyzed: 09/16/2008 (8	3092145-MS1)			Source: PRI0350-02						
1,2-Dibromoethane (EDB)	3.448E-8	2.01E-9	%	2.87E-8	ND	120	24-162			
1,2-Dibromo-3-chloropropane	3.448E-8	1.01E-8	%	2.87E-8	ND	120	24-157			
Surrogate: 1,3-Dichlorobenzene	7.41E-7		%	5.75E-7		129	44-150			
Matrix Spike Dup Analyzed: 09/16/20	08 (8092145-M	SD1)			Source: P	R10350-02	2			
1,2-Dibromoethane (EDB)	3.419E-8	1.99E-9	%	2.85E-8	ND	120	24-162	1	50	
1,2-Dibromo-3-chloropropane	2.849E-8	9.97E-9	%	2.85E-8	ND	100	24-157	19	50	
Surrogate: 1,3-Dichlorobenzene	7.52E-7		%	5.70E-7		132	44-150			

Kylie Emily Project Manager



454-9303

Columbia Analytical Services - Phoenix

3725 E. Atlanta Ave. Suite 2

Phoenix, AZ 85040

Attention: Marcia Smith

Project ID: 08090068/Bond &Bond 3917783

Report Number: PRI0350

Sampled: 09/02/08

Received: 09/05/08

#### DATA QUALIFIERS AND DEFINITIONS

M2 Matrix spike recovery was low; the associated blank spike recovery was acceptable.

N1 See case narrative.

Surrogate recovery was above laboratory and method acceptance limits. No target analytes were detected in the

sample.

ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.

RPD Relative Percent Difference

#### ADDITIONAL COMMENTS

#### For Volatile Fuel Hydrocarbons (C6-C12):

Volatile Fuel Hydrocarbons (C6-C12) are quantitated against a gasoline standard.



Columbia Analytical Services - Phoenix

3725 E. Atlanta Ave. Suite 2

Phoenix, AZ 85040

Attention: Marcia Smith

Project ID: 08090068/Bond &Bond 3917783

Report Number: PRI0350

Sampled: 09/02/08

Received: 09/05/08

### **Certification Summary**

TestAmerica Phoenix

Method

Matrix

Nelac

Arizona

EPA 8015D

Water

Χ

Nevada and NELAP provide analyte specific accreditations. Analyte specific information for TestAmerica may be obtained by contacting the laboratory or visiting our website at www.testamericainc.com

#### **Subcontracted Laboratories**

TestAmerica - Nashville, TN Arizona Cert #AZ0473

2960 Foster Creighton Drive - Nashville, TN 37204

Method Performed:

SW846 8011

Samples: PRI0350-01, PRI0350-02, PRI0350-03, PRI0350-04, PRI0350-05, PRI0350-06, PRI0350-07, PRI0350-08, PRI0350-09, PRI0350-10

TestAmerica Phoenix

Kylie Emily Project Manager



#### CHAIN-OF-CUSTODY

Page 1 of 4

Varcia A. Smith

3725 E. Atlanta Avenue

TEL: (602) 437-0330

FAX:

(602) 437-0660

Work Order: 08090068

Phoenix, AZ 85040

Subcontractor:

TestAmerica - Phoenix 4625 E. Cotton Center Blvd. Suite 189

TEL: (602) 437-3321 FAX: (623) 445-6192

Phoenix, AZ 85040

10000

Project BOND & BOND 3917783

05-Sep-08

Client Sample ID	TGIID	Matrix	<b>Collection Date</b>	Containers	8011	8015GRO W	T
MW-8	01A	Water	9/2/2008 1:37:00 PM	3			<del> </del>
MW-8	01D	Water	9/2/2008 1:37:00 PM	3	4	-   · · · · · · · · · · · · · · · · · ·	>
MW-9	02A	Water	9/2/2008 2:10:00 PM	7 5			/_
MW-9	02D	Water	9/2/2008 2:10:00 PM	RE SU	4	11	>
MW-10	03A	Water	9/2/2008 6:02:00 PM	3	<u> </u>		
MW-10	03D	Water	9/2/2008 6:02:00 PM	3	1		>
MW-11	04A	Water	9/2/2008 4:59:00 PM	3 +		<del> </del>	<u> </u>
MW-11	04D	Water	9/2/2008 4:59:00 PM	3	. 1	1	>
MW-12	05A	Water	9/2/2008 6:29:00 PM	3		1	ļ
MW-12	05D	Water	9/2/2008 6:29:00 PM	3	1		)
MW-13	06A	Water	9/2/2008 5:37:00 PM	3			
MW-13	06D .	Water	9/2/2008 5:37:00 PM	3	1	1	>
MW-14	07A	Water	9/2/2008 3:34:00 PM	3	·· <del>·</del>		/
MW-14	07D	Water	9/2/2008 3:34:00 PM	3	1	1 1	>
MW-15	A80	Water	9/2/2008 3:58:00 PM	3		<del>                                     </del>	/_
MW-15	08D	Water	9/2/2008 3:58:00 PM	3	1		>
MW-16	09A	Water	9/2/2008 4:28:00 PM	3 -	1 .	<del></del>	/

				F	equested Tes	sts .			1.	
8011	8015GRO_W						<del>-</del>		<del>-  </del>	
***	1	1								
1		/1				1	<del></del>		-  -	
	1	\7	M	ς	/MSD			·		
11		75	M	5	IMSD IMSD					
	1	>7							-11-	<del></del>
11		/ >					i			
	1	>11								
. 1		- 1								
٠	1	>=		L						
				L		<u> </u>				
1	1 1	>6		L		ļ ·				
·	1			H		<u> </u>	<u>.   </u>			
1		>9				ļ <u>.</u>	<u> </u>	,	_	
	1	1 1	- 1		·	<u> </u>			_  _	· · · · · · · · · · · · · · · · · · ·
1		79		Н		<del> </del>	1			
	1 1	-		Н		-				
		25		Ш		<u> </u>				

Comments After analysis, the samples do not need to be returned and can be disposed per your standard laboratory practices. Please provide a QC report, including Method Blank data.

Sample Receipt
Temperature: Ambient / Cold Ice:
Received Intact: Absent / Present
Custody Seals: Wet / Blue
Total No of Containers: °C.

Relinquished by:

9/5/08 Date/Time

Received by:

Relinquished by:

Relinquished by:

Received by:

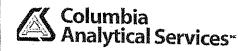
Received by:

5-108 15

Date/Time

9-5-108

416



### CHAIN-OF-CUSTODY

Page 2 of 4 2

Varcia A. Smith

3725 E. Atlanta Avenue

TEL: (602) 437-0330

FAX: (602) 437-0660

Work Order 08090068

Project BOND & BOND 3917783

Phoenix, AZ 85040

Subcontractor:

TestAmerica - Phoenix 4625 E. Cotton Center Blvd. Suite 189 TEL: (602) 437-3321 FAX: (623) 445-6192

Phoenix, AZ 85040

05-Sep-08

				r	*************		the second secon		
				1					
Client Sample ID	TGI ID	Matrix	Collegebour	<u> </u>		1	Requested Tests		
	,	HIGHIA	Collection Date	Containers	8011	8015GRO W		**************************************	
MW-16					0011	ON DOMO W			11 1
101 ~ V 101	09D (	Water	9/2/2008 4:28:00 PM				. 321		11
		7100	31212000 4.20.00 PW	_ L 3   .!	1		4)		17
TR	10B	144							II i
10	IUD	Water	9/2/2008 1:37:00 PM	15 \ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	4			1	{
			100.001	(1)3egr	1	1 ( 2)			1
				—— (ALL) (		!		: I	11

Comments After analysis, the samples do not need to be returned and can be disposed per your standard laboratory practices. Please provide a QC report, including Method Blank data.

Sample Receipt
Temperature: Ambient / Cold Ice:
Received Intact: Absent / Present
Custody Seals: Wet / Blue
Total No. of Containers: ° C

Relinquished	by:	_
--------------	-----	---

9/5/08 )

1530 Received by:

Date/Time

Relinquished by: Relinquished by:

Received by:

Received by:

7/5/08 \$30

4-5-01



# Sample Receipt Checklist

	Date and Time	Received: 1	14/4 094
	Checked by:		
9/4/8	Logged In by:	Initials / Date	
FOSEY	Reviewed by:_	Initials Date	9-10-0
Yes È	No □	Not Present □	COMMENT
Yes □			
Yes 🗆 🗸			
Yes 🚺			
Yes 🗹		rot rosont E	
Yes □	/		
Yes 🗹			
Yes 🗹			
Yes 🗈	·		
Yes		/Temp:	Wet Ice Present [
	/		Worlde I Tesemi [
Yes 🗂	_		
Yes 🗗			Checked by:
Yes □			encered by.
Yes 🗆	No□	N/A 🗆	
of prese	wed wh	Huoz V-Preserve o	l for 8015
u	Contacted t	oy:	-
·	Contacted t	oy:	
	Yes D	Checked by:    Checked by:   Checked by:   Logged In by:   Checked by:   Logged In by:   Checked by:   Logged In by:   Reviewed by:   Yes   No     Y	Logged In by:   Initials / Date

# Columbia Analytical Services

3725 E. Atlanta Ave.

Phoenix, Arizona 85040 Phone: (602) 437-0330

Fax:

(602) 437-0660

3860 S. Palo Verde Rd., Ste. 302

(520) 573-1063

Tucson, Arizona 85714 Phone: (520) 573-1061

Fax:

Chain of Custody
Work Order No: 08091068
Date 9/3/08 Page / of /

Project Manager: Chreacong Soft Puth		Bill to:		
Client Name: Bristol		Company:	Soft Ruth Bristal	A .
Address: III W. 16th Ave 359	FIR.	Address:	III W. 16th Ave	32 Fln
City, State ZIP: Anchorage AK Phone:	907-563-0013	City, State ZIP:	ANCHIVAGE AK Phone:	907-563-0013
	907-563-6713	Email:	99501-00/3 Fax	907-563 6713
Project Name: BOND 4 BOND		ANALYSIS		TAT
Project Number: 3917783			1616161111	Routine
P.O. Number:		Q	1 6 6 6 50 V	Rush - Prelim
Sampler's Name: 1. Lamone	e Colatii	gano	107/10 6010 6011	Rush - Final
SAMPLE RECEIPT	le org	Mercu Organochlorine Semi-Volatil		Due Date:
Temperature (°C): /, \$ Temp Blank Present   Y	A Jamic s	rine F	Therend Holos  Therming  Therming  Therming  Therming  Therming  Therming	300 500.
Received Intact: (es) No N/A (Wet Ice Blue Ice	SDWA	Metals Metals Organics	As, Be, There	Volatiles
Cooler Custody Seals: Yes No (N/A) Total Containers:	S GP S S	471A / 7470 Metals (See PCB's PCB's dicides (608	2 元 五	Encores
Sample Custody Seals: Yes No N/A	PAH (624 (8015, Foom	(See   PCB's   608   s (625)	Ba, Ba,	Methanol Kits
Sample Identification Matrix Date Sampled Sampled Lab ID	(524.2) (8310) (AZR.1)	Mercury (7471A / 7470 / 245.1)  Metals (See Below)  Metals (See Below)  PCB's (8082)  Norine Pesticides (608 / 8081)  Volatile Organics (625 / 8270)	2 2 2 3 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Comments
MW-8 HZD 9/2/08 1337 1	14 ,		e 1 e	
	30 9 7		4 ( - (X X) De	7. Long 9/9/08
MW-10 1802 3	14 5 6		- 7 -	7UH
MW-11 1459 4	1 7 1		292	
MW. 12 1829 5	1 7 7		- 9 -	
mu-13 1737 6				
MW-14 1534 7	7 7		- ( V	
MW-15 1558 8	1 2 2	<u> </u>	282	
mw-16 \$ 1628 9	V 1 1			
TB 10	310/11		I I VOR	
Metals to be analyzed as: Total TCLP	Dissolved	Method:	6010B 6020 200.7	7 200.8
Circle metals to be analyzed: 8RCRA 13PPM AI Sb As	Ba Be B Cd Ca			
Relinquisted by: (Signature) (Print Name)		by: (Signature)	(Print Name)	Date/Time ∠ g



December 10, 2008

Scott Ruth Bristol Environmental & Engineering 111 W. 16th Ave., Ste 301 Anchorage, AK 99501-1116

RE: Bond & Bond/48015

Work Order No.:

08110237

Dear Scott,

Columbia Analytical Services, Inc. received 13 samples between 11/17/08 and 11/18/08. The results of the analyses are presented in the following report.

The Case Narrative of this report addresses any Quality Control and/or Quality Assurance issues associated with this Work Order.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. The test results meet requirements of the current NELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAPaccredited analytes, refer to the certifications section at www.caslab.com.

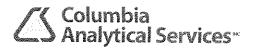
If you have any questions regarding these test results, please feel free to call us at (602) 437-0330.

Sincerely,

Marcia A. Smith

Project Manager

ADHS License No. AZ0133/AZ0667/AZM133



Client:

Bristol Environmental & Engineering

Work Order:

08110237

Project Name: Bond & Bond

Project Number: 48015

Date Printed: 10-Dec-08

Case Narrative

Samples were received intact and within proper temperature criteria.

Results are reported on a wet weight basis unless dry-correction is denoted in the units field on the analytical report ("mg/kg-dry").

All method blanks, laboratory spikes, and/or matrix spikes met quality control objectives for the parameters associated with this Work Order except as detailed below or on the Data Qualifier page of this report. Data Qualifiers used in this report are in accordance with ADEQ Arizona Data Qualifiers, Revision 3.0 9/20/2007.

Data qualifiers ("flags") contained within this analytical report have been issued to explain a quality control deficiency, and do not affect the quality (validity) of the data unless noted otherwise in the case narrative.

The 8021B and 8015MOD water analysis performed was for screening purposes only. No QC was analyzed with the sample batches. This data is not to be used in compliance situations.

The TVFHC (C6-C10) by SW8021B analysis performed by Columbia Analytical Services, Inc. is a screening technique based on a modified EPA method. This data is not to be used in compliance situations.



License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Project Name:

Bond & Bond

Project Number: 48015 Work Order:

08110237

Date Received:

17-Nov-08

Case Narrative

**Data Qualifiers** 

One or more of the following data qualifiers may be associated with your analytical and/or quality control data.

S6

Surrogate recovery was below laboratory and method acceptance limits. Reextraction and/or reanalysis

confirms low recovery caused by matrix effect.



License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Project Name:

Bond & Bond

Project Number: 48015 Work Order:

08110237

## Work Order Sample Summary

Client Sample ID	Lab Sample ID	Test Code	Collection Date	Date Received
B-18-5'	08110237-01A	8015AZ	11/17/08 10:05 AM	11/17/08 10:20 AM
		SW8021B	11/17/08 10:05 AM	11/17/08 10:20 AM
B-18-10'	08110237-02A	8015AZ	11/17/08 10:10 AM	11/17/08 10:20 AM
		SW8021B	11/17/08 10:10 AM	11/17/08 10:20 AM
B-19-8.5'	08110237-03A	8015AZ	11/17/08 11:50 AM	11/17/08 12:00 PM
		SW8021B	11/17/08 11:50 AM	11/17/08 12:00 PM
B-18-W	08110237-04A	8015MOD	11/17/08 11:50 AM	11/17/08 12:00 PM
		SW8021B	11/17/08 11:50 AM	11/17/08 12:00 PM
B-20-9'	08110237-05A	8015AZ	11/17/08 12:40 PM	11/17/08 12:50 PM
		SW8021B	11/17/08 12:40 PM	11/17/08 12:50 PM
B-19-W	08110237-06A	8015MOD	11/17/08 12:40 PM	11/17/08 12:50 PM
		SW8021B	11/17/08 12:40 PM	11/17/08 12:50 PM
B-20-W	08110237-07A	8015MOD	11/17/08 01:15 PM	11/17/08 01:35 PM
		SW8021B	11/17/08 01:15 PM	11/17/08 01:35 PM
B-21-11.5'	08110237-08A	8015AZ	11/17/08 03:35 PM	11/17/08 04:00 PM
		SW8021B	11/17/08 03:35 PM	11/17/08 04:00 PM
B-21-W	08110237-09A	8015MOD	11/17/08 04:00 PM	11/17/08 04:00 PM
		SW8021B	11/17/08 04:00 PM	11/17/08 04:00 PM
B-22-13'	08110237-10A	8015AZ	11/17/08 04:30 PM	11/17/08 04:55 PM
		SW8021B	11/17/08 04:30 PM	11/17/08 04:55 PM
B-22-W	08110237-11A	8015MOD	11/17/08 04:45 PM	11/17/08 04:55 PM
		SW8021B	11/17/08 04:45 PM	11/17/08 04:55 PM
B-23-10'	08110237-12A	8015AZ	11/18/08 08:55 AM	11/18/08 09:00 AM
		SW8021B	11/18/08 08:55 AM	
B-23-W	08110237-13A	8015MOD	11/18/08 10:00 AM	
		SW8021B	11/18/08 10:00 AM	



License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Project Name:

Bond & Bond

Project Number: Work Order:

Date Received:

48015

08110237 17-Nov-08 **Definitions** 

Analytical Spike (AS)

The AS is a known amount of a target analyte added to a sample after it has been distilled, digested, or extracted and is ready for analysis. The AS is generally performed if the MS has failed. It is used to indicate interference that arises from sample distillation, digestion, or extraction as opposed to interference that is innate to the matrix.

Continuing Curve Verification (CCV)

The CCV is also referred to as a curve check. This is a standard analyzed at specified intervals during an analysis. The CCV verifies the stability and accuracy of the calibration curve. There are specific CCV recovery acceptance criteria for each method.

Dilution Factor (DF)

The DF is an indication of how much a sample had to be diluted in order to quantitate it on a standard curve. The DF is indicated in the reported sample result. The sample PQL increases as the dilution increases.

Internal Standard (IS)

The IS is a compound that is similar to the organic compound of interest in terms of chemical composition but is unique in that it is rare in the environment. The same concentration of IS is added to every sample for some organic methods.

Laboratory Control Sample (LCS)

The LCS is also referred to as a blank spike. The LCS is an addition of a known amount of a target analyte (from the same source as calibration standards or spikes) to an aliquot of deionized water or other appropriate clean matrix. The LCS is processed through the entire method procedure in the same manner as samples.

Matrix Spike (MS)

The MS is a known amount of a target analyte added to a sample. The MS is processed through the entire method procedure in the same manner as samples.

Method Blank (MB)

The MB is an aliquot of deionized water or other appropriate clean matrix that is thought to be free of the analyte in question. The MB is processed through the entire extraction or analysis procedure and is used to indicate contamination in the lab.

Method Detection Limit (MDL)

The MDL is the lowest level of detection of which a method is capable.

Practical Quantitation Limit (PQL)

The PQL is the lowest value at which Columbia Analytical Services can detect an analyte in matrix with a high degree of confidence. The PQL will increase as the DF increases. The PQL is greater than or equal to the MDL.

Relative Percent Difference (RPD) The RPD is a measure of precision (the ability to obtain the same result on re-analysis of the same sample). It is calculated using the result of a sample, MS, LCS, or LCSV and its associated duplicate result.

Secondary Source QC Sample (LCSV) The LCSV is also referred to as a second source laboratory control sample. It is the same type of standard as a calibration or spiking standard but is obtained from a different source. The LCSV is an indication of the primary standard quality, method performance, and instrument performance.

Surrogate

A surrogate compound is similar to the organic compound of interest in terms of chemical composition but is unique in that it is rare in the environment. When surrogates are used, they are added to every sample, blank and standard. Surrogate recovery is used as an indication of extraction and/or analytical success.

Trip Blank (TB)

The TB is a portion of deionized water preserved in the same manner as the samples. The TB travels from the lab, to the field, and then back to the lab with the samples from the field. The TB serves as an indication of contamination introduced during sample transportation.



License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

**Project Name:** 

Bond & Bond

**Project Number:** 

48015

Work Order:
Date Received:

08110237 17-Nov-08 References

Columbia Analytical Services, Inc. uses the methods outlined in the following references:

Code of Federal Regulations, 40CFR, Part 136, Appendix A, July 2005.

Standard Methods for the Examination of Water and Wastewater, 20th Edition, 1998.

Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, Revised March 1983.

Methods for the Determination of Inorganic Substances in Environmental Samples, EPA/600/R-93/100, Revised August 1993.

Methods for the Determination of Metals in Environmental Samples, Supplement 1: EPA/600/R-94/111, Revised May 1994.

Methods for the Determination of Organic Compounds in Drinking Water, EPA/600/4-88/039, Revised July, 1991; EPA-600/4-90/020, Supplement I, July 1990; EPA-600/R-92/129; Supplement II, August 1992; EPA-600/R-95/131, Supplement III, August 1995.

Hach, Water Analysis Handbook, 3rd Edition, 1997.

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition, 1986 including Update I, July 1992; Update IIA, August 1993; Update II; September 1994; Update IIB, January 1995; Update III, December 1996. Update IIIA, June 1999; and Update IIIB July 2005.

Bureau of Laboratory Services, State of Arizona Department of Health Services Method 8015AZ.R1, September 1998. (Comment: C6-C10 GRO reported by this method is not to be used in compliance situations)

ASTM MethodD4982, Annual Book of ASTM Standards, Volumes 11.01 and 11.02, 1995

The Determination of Polychlorinated Biphenyls in Transformer Fluid and Waste Oils, EPA-600 4-81-045, September 1982.

EPA Method 9013A, Cyanide Extraction Procedure for Solids and Oils. (Rev, 1 November 2004)

EPA Method 5035A, Closed-System Purge-and-Trap and Extraction for Volatile Organics in Soil and Waste Samples (draft rev. 1 July 2002)

EPA Method 5030C, Purge-and-Trap for Aqueous Samples (rev.3 May 2003)

Office of Ground Water and Drinking Water Technical Support Center, EPA 815-R-05-004, Manual for Certification of Drinking Water, (5th Edition January 2005)



License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order: Lab ID:

08110237

Project Name:

08110237-01

Project Number: 48015

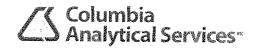
Bond & Bond

Client Sample ID: B-18-5'

Collection Date: 11/17/2008 10:05:00 AM

Matrix: Soil

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Batch ID
		PRE	P METHOD:	8015AZR1					Test Per	formed By: AZM133
C10-C22 DRO	<30	30		mg/Kg	0.10	8015AZ	11/17/08	11/17/08 10:28	MR	5GC9081117B
C22-C32 ORO	<100	100		mg/Kg	0.10	8015AZ	11/17/08	11/17/08 10:28	MR	5GC9081117B
C10-C32 SRL	<130	130		mg/Kg	0.10	8015AZ	11/17/08	11/17/08 10:28	MR	5GC9081117B
o-Terphenyl(Surrogate)	113	70-130		%REC	0.10	8015AZ	11/17/08	11/17/08 10:28	MR	5GC9081117B
		PRE	P METHOD:	SW5035					Test Per	formed By: AZM133
Methyl tert-butyl ether	<0.20	0.20		mg/Kg	1.0	SW8021B	11/17/08	11/17/08 10:46	MR	ML5GC8081117A
Benzene	< 0.050	0.050		mg/Kg	1.0	SW8021B	11/17/08	11/17/08 10:46	MR	ML5GC8081117A
Ethylbenzene	<0.10	0.10		mg/Kg	1.0	SW8021B	11/17/08	11/17/08 10:46	MR	ML5GC8081117A
Toluene	<0.10	0.10		mg/Kg	1.0	SW8021B	11/17/08	11/17/08 10:46	MR	ML5GC8081117A
Xylenes, total	<0.15	0.15		mg/Kg	1.0	SW8021B	11/17/08	11/17/08 10:46	MR	ML5GC8081117A
TVFHC (C6-C10)	<10	10		mg/Kg	1.0	SW8021B	11/17/08	11/17/08 10:46	MR	ML5GC8081117A
Bromofluorobenzene(Surrogate)	96	70-130		%REC	1.0	SW8021B	11/17/08	11/17/08 10:46	MR	ML5GC8081117A



License No. AZ0133/AZM133

CLIENT: Work Order:

Bristol Environmental & Engineering

08110237

Lab ID:

08110237-02

Project Name:

Bond & Bond

Project Number: 48015

Client Sample ID: B-18-10'

Collection Date: 11/17/2008 10:10:00 AM

Matrix: Soil

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Batch ID
		PRE	P METHOD:	8015AZR1					Test Per	formed By: AZM133
C10-C22 DRO	<30	30		mg/Kg	0.10	8015AZ	11/17/08	11/17/08 10:59	MR	5GC9081117B
C22-C32 ORO	<100	100		mg/Kg	0.10	8015AZ	11/17/08	11/17/08 10:59	MR	5GC9081117B
C10-C32 SRL	<130	130		mg/Kg	0.10	8015AZ	11/17/08	11/17/08 10:59	MR	5GC9081117B
o-Terphenyl(Surrogate)	113	70-130		%REC	0.10	8015AZ	11/17/08	11/17/08 10:59	MR	5GC9081117B
		PRE	P METHOD:	SW5035					Test Peri	formed By: AZM133
Methyl tert-butyl ether	<0.20	0.20		mg/Kg	1.0	SW8021B	11/17/08	11/17/08 11:02	MR	ML5GC8081117A
Benzene	<0.050	0.050		mg/Kg	1.0	SW8021B	11/17/08	11/17/08 11:02	MR	ML5GC8081117A
Ethylbenzene	<0.10	0.10		mg/Kg	1.0	SW8021B	11/17/08	11/17/08 11:02	MR	ML5GC8081117A
Toluene	<0.10	0.10		mg/Kg	1.0	SW8021B	11/17/08	11/17/08 11:02	MR	ML5GC8081117A
Xylenes, total	<0.15	0.15		mg/Kg	1.0	SW8021B	11/17/08	11/17/08 11:02	MR	ML5GC8081117A
TVFHC (C6-C10)	<10	10		mg/Kg	1.0	SW8021B	11/17/08	11/17/08 11:02	MR	ML5GC8081117A
Bromofluorobenzene(Surrogate)	90	70-130		%REC	1.0	SW8021B	11/17/08	11/17/08 11:02	MR	ML5GC8081117A



License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Client Sample ID: B-19-8.5'

Work Order:

08110237

Collection Date: 11/17/2008 11:50:00 AM

Lab ID:

08110237-03

Matrix: Soil

Project Name:

Bond & Bond Project Number: 48015

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Batch ID
		PREI	P METHOD:	8015AZR1					Test Perl	ormed By: AZM133
C10-C22 DRO	<30	30		mg/Kg	0.10	8015AZ	11/17/08	11/17/08 13:01	MR	5GC9081117B
C22-C32 ORO	<100	100		mg/Kg	0.10	8015AZ	11/17/08	11/17/08 13:01	MR	5GC9081117B
C10-C32 SRL	<130	130		mg/Kg	0.10	8015AZ	11/17/08	11/17/08 13:01	MR	5GC9081117B
o-Terphenyl(Surrogate)	118	70-130		%REC	0.10	8015AZ	11/17/08	11/17/08 13:01	MR	5GC9081117B
		PRE	P METHOD:	SW5035					Test Perf	ormed By: AZM133
Methyl tert-butyl ether	<0.20	0.20		mg/Kg	1.0	SW8021B	11/17/08	11/17/08 12:44	MR	ML5GC8081117A
Benzene	< 0.050	0.050		mg/Kg	1.0	SW8021B	11/17/08	11/17/08 12:44	MR	ML5GC8081117A
Ethylbenzene	<0.10	0.10		mg/Kg	1.0	SW8021B	11/17/08	11/17/08 12:44	MR	ML5GC8081117A
Toluene	<0.10	0.10		mg/Kg	1.0	SW8021B	11/17/08	11/17/08 12:44	MR	ML5GC8081117A
Xylenes, total	<0.15	0.15		mg/Kg	1.0	SW8021B	11/17/08	11/17/08 12:44	MR	ML5GC8081117A
TVFHC (C6-C10)	<10	10		mg/Kg	1.0	SW8021B	11/17/08	11/17/08 12:44	MR	ML5GC8081117A
Bromofluorobenzene(Surrogate)	86	70-130		%REC	1.0	SW8021B	11/17/08	11/17/08 12:44	MR	ML5GC8081117A



License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08110237

Lab ID:

08110237-04

Project Name:

Bond & Bond

Project Number: 48015

Client Sample ID: B-18-W

Collection Date: 11/17/2008 11:50:00 AM

Matrix: Aqueous

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Batch ID
		PRE	P METHOD:	SW5030B					Test Pen	formed By: AZ0133
Methyl tert-butyl ether	<4.0	4.0		μg/L	1.0	SW8021B	11/17/08	11/17/08 12:26	MR	ML5GC8081117
Benzene	<1.0	1.0		μg/L	1.0	SW8021B	11/17/08	11/17/08 12:26	MR	ML5GC8081117
Ethylbenzene	<2.0	2.0		µg/L	1.0	SW8021B	11/17/08	11/17/08 12:26	MR	ML5GC8081117
Toluene	<2.0	2.0		µg/L	1.0	SW8021B	11/17/08	11/17/08 12:26	MR	ML5GC8081117
Xylenes, total	<3.0	3.0		µg/L	1.0	SW8021B	11/17/08	11/17/08 12:26	MR	ML5GC8081117
TVFHC (C6-C10)	<200	200		µg/L	1.0	SW8021B	11/17/08	11/17/08 12:26	MR	ML5GC8081117
Bromofluorobenzene(Surrogate)	100	67-128		%REC	1.0	SW8021B	11/17/08	11/17/08 12:26	MR	ML5GC8081117
		PREP I	METHOD: SV	V3510C-MOD					Test Perfe	ormed By: AZM133
C10-C22 DRO	<3.0	3.0		mg/L	0.010	8015MQD	11/17/08	11/17/08 12:30	MR	5GC9081117A
C22-C32 ORO	<10	10		mg/L	0.010	8015MOD	11/17/08	11/17/08 12:30	MR	5GC9081117A
o-Terphenyl(Surrogate)	11	70-130	S6	%REC	0.010	8015MOD	11/17/08	11/17/08 12:30	MR	5GC9081117A



License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08110237

Lab ID:

08110237-05

**Project Name:** 

Bond & Bond

Project Number: 48015

Client Sample ID: B-20-9'

ment Sumple 1D. B-20-3

Collection Date: 11/17/2008 12:40:00 PM

Matrix: Soil

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Batch ID
		PRE	P METHOD:	8015AZR1					Test Per	formed By: AZM133
C10-C22 DRO	<30	30		mg/Kg	0.10	8015AZ	11/17/08	11/17/08 14:01	MR	5GC9081117B
C22-C32 ORO	<100	100		mg/Kg	0.10	8015AZ	11/17/08	11/17/08 14:01	MR	5GC9081117B
C10-C32 SRL	<130	130		mg/Kg	0.10	8015AZ	11/17/08	11/17/08 14:01	MR	5GC9081117B
o-Terphenyl(Surrogate)	115	70-130		%REC	0.10	8015AZ	11/17/08	11/17/08 14:01	MR	5GC9081117B
		PRI	EP METHOD:	SW5035					Test Per	formed By: AZM133
Methyl tert-butyl ether	<0.20	0.20		mg/Kg	1.0	SW8021B	11/17/08	11/17/08 13:23	MR	ML5GC8081117A
Benzene	<0.050	0.050		mg/Kg	1.0	SW8021B	11/17/08	11/17/08 13:23	MR	ML5GC8081117A
Ethylbenzene	<0.10	0.10		mg/Kg	1.0	SW8021B	11/17/08	11/17/08 13:23	MR	ML5GC8081117A
Toluene	<0.10	0.10		mg/Kg	1.0	SW8021B	11/17/08	11/17/08 13:23	MR	ML5GC8081117A
Xylenes, total	< 0.15	0.15		mg/Kg	1.0	SW8021B	11/17/08	11/17/08 13:23	MR	ML5GC8081117A
TVFHC (C6-C10)	<10	10		mg/Kg	1.0	SW80218	11/17/08	11/17/08 13:23	MR	ML5GC8081117A
Bromofluorobenzene(Surrogate)	95	70-130		%REC	1.0	SW8021B	11/17/08	11/17/08 13:23	MR	ML5GC8081117A



License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order: Lab ID:

08110237

Project Name:

08110237-06 Bond & Bond

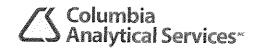
Project Number: 48015

Client Sample ID: B-19-W

Collection Date: 11/17/2008 12:40:00 PM

Matrix: Aqueous

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Batch ID
		PREI	P METHOD:	SW5030B					Test Peri	ormed By: AZ0133
Methyl tert-butyl ether	<4.0	4.0		µg/L	1.0	SW8021B	11/17/08	11/17/08 13:05	MR	ML5GC8081117
Benzene	<1.0	1.0		µg/L	1.0	SW8021B	11/17/08	11/17/08 13:05	MR	ML5GC8081117
Ethylbenzene	<2.0	2.0		µg/L	1.0	SW8021B	11/17/08	11/17/08 13:05	MR	ML5GC8081117
Toluene	<2.0	2.0		µg/L	1.0	SW8021B	11/17/08	11/17/08 13:05	MR	ML5GC8081117
Xylenes, total	<3.0	3.0		µg/L	1.0	SW8021B	11/17/08	11/17/08 13:05	MR	ML5GC8081117
TVFHC (C6-C10)	<200	200		µg/L	1.0	SW8021B	11/17/08	11/17/08 13:05	MR	ML5GC8081117
Bromofluorobenzene(Surrogate)	103	67-128		%REC	1.0	SW8021B	11/17/08	11/17/08 13:05	MR	ML5GC8081117
		PREP M	ETHOD: SM	/3510C-MOD					Test Perfe	ormed By: AZM133
C10-C22 DRO	<3.0	3.0		mg/L	0.010	8015MQD	11/17/08	11/17/08 13:31	MR	5GC9081117A
C22-C32 ORO	<10	10		mg/L	0.010	8015MQD	11/17/08	11/17/08 13:31	MR	5GC9081117A
o-Terphenyl(Surrogate)	117	70-130		%REC	0.010	8015MOD	11/17/08	11/17/08 13:31	MR	5GC9081117A



License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order: 08110237

Lab ID:

08110237-07

Project Name:

Bond & Bond

Project Number: 48015

Client Sample ID: B-20-W

Collection Date: 11/17/2008 1:15:00 PM

Matrix: Aqueous

								, maj 200	2 11 141 1 y 31	Daten 1D
Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Ratch ID

Analyte	Resuit	PQL	Quai	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
		PREI	P METHOD:	SW5030B					Test Perf	ormed By: AZ0133
Methyl tert-butyl ether	<4.0	4.0		µg/L	1.0	SW8021B	11/17/08	11/17/08 13:56	MR	ML5GC8081117
Benzene	<1.0	1.0		μg/L	1.0	SW8021B	11/17/08	11/17/08 13:56	MR	ML5GC8081117
Ethylbenzene	<2.0	2.0		μg/L	1.0	SW8021B	11/17/08	11/17/08 13:56	MR	ML5GC8081117
Toluene	<2.0	2.0		µg/L	1.0	SW8021B	11/17/08	11/17/08 13:56	MR	ML5GC8081117
Xylenes, total	<3.0	3.0		µg/L	1.0	SW8021B	11/17/08	11/17/08 13:56	MR	ML5GC8081117
TVFHC (C6-C10)	<200	200		µg/L	1.0	SW8021B	11/17/08	11/17/08 13:56	MR	ML5GC8081117
Bromofluorobenzene(Surrogate)	102	67-128		%REC	1.0	SW8021B	11/17/08	11/17/08 13:56	MR	ML5GC8081117
		PREP M	ETHOD: SW	/3510C-MOD					Test Perfe	ormed By: AZM133
C10-C22 DRO	<3.0	3.0		mg/L	0.010	8015MOD	11/17/08	11/17/08 14:31	MR	5GC9081117A
C22-C32 ORO	<10	10		mg/L	0.010	8015MOD	11/17/08	11/17/08 14:31	MR	5GC9081117A
o-Terphenyl(Surrogate)	119	70-130		%REC	0.010	8015MQD	11/17/08	11/17/08 14:31	MR	5GC9081117A



License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08110237

Lab ID:

08110237-08

Project Name:

Bond & Bond

Project Number: 48015

Client Sample ID: B-21-11.5'

ment bampie 1D. B-21-11.5

Collection Date: 11/17/2008 3:35:00 PM

Matrix: Soil

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analys	t Batch ID
		PRE	P METHOD:	8015AZR1					Test Per	formed By: AZM133
C10-C22 DRO	<30	30		mg/Kg	0.10	8015AZ	11/17/08	11/17/08 16:11	MR	5GC9081117B
C22-C32 ORO	<100	100		mg/Kg	0.10	8015AZ	11/17/08	11/17/08 16:11	MR	5GC9081117B
C10-C32 SRL	<130	130		mg/Kg	0.10	8015AZ	11/17/08	11/17/08 16:11	MR	5GC9081117B
o-Terphenyl(Surrogate)	121	70-130		%REC	0.10	8015AZ	11/17/08	11/17/08 16:11	MR	5GC9081117B
		PRI	EP METHOD:	SW5035					Test Per	formed By: AZM133
Methyl tert-butyl ether	<0.20	0.20		mg/Kg	1.0	SW8021B	11/17/08	11/17/08 16:42	MR	ML5GC8081117A
Benzene	<0.050	0.050		mg/Kg	1.0	SW8021B	11/17/08	11/17/08 16:42	MR	ML5GC8081117A
Ethylbenzene	< 0.10	0.10		mg/Kg	1.0	SW8021B	11/17/08	11/17/08 16:42	MR	ML5GC8081117A
Toluene	<0.10	0.10		mg/Kg	1.0	SW8021B	11/17/08	11/17/08 16:42	MR	ML5GC8081117A
Xylenes, total	< 0.15	0.15		mg/Kg	1.0	SW8021B	11/17/08	11/17/08 16:42	MR	ML5GC8081117A
TVFHC (C6-C10)	<10	10		mg/Kg	1.0	SW8021B	11/17/08	11/17/08 16:42	MR	ML5GC8081117A
Bromofluorobenzene(Surrogate)	95	70-130		%REC	1.0	SW80218	11/17/08	11/17/08 16:42	MR	ML5GC8081117A



License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08110237

Lab ID:

08110237-09

Project Name:

Bond & Bond

Project Number: 48015

Client Sample ID: B-21-W

Collection Date: 11/17/2008 4:00:00 PM

Matrix: Aqueous

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Batch ID
		PRE	P METHOD:	SW5030B					Test Per	formed By: AZ0133
Methyl tert-butyl ether	<4.0	4.0		µg/L	1.0	SW8021B	11/17/08	11/17/08 16:26	MR	ML5GC8081117
Benzene	<1.0	1.0		µg/L	1.0	SW8021B	11/17/08	11/17/08 16:26	MR	ML5GC8081117
Ethylbenzene	<2.0	2.0		µg/∟	1.0	SW8021B	11/17/08	11/17/08 16:26	MR	ML5GC8081117
Toluene	<2.0	2.0		µg/L	1.0	SW8021B	11/17/08	11/17/08 16:26	MR	ML5GC8081117
Xylenes, total	<3.0	3.0		μg/L	1.0	SW8021B	11/17/08	11/17/08 16:26	MR	ML5GC8081117
TVFHC (C6-C10)	<200	200		µg/L	1.0	SW8021B	11/17/08	11/17/08 16:26	MR	ML5GC8081117
Bromofluorobenzene(Surrogate)	99	67-128		%REC	1.0	SW80218	11/17/08	11/17/08 16:26	MR	ML5GC8081117
		PREP N	METHOD: SW	/3510C-MOD					Test Pen	formed By: AZM133
C10-C22 DRO	<3.0	3.0		mg/L	0.010	8015MOD	11/17/08	11/17/08 16:40	MR	5GC9081117A
C22-C32 ORO	<10	10		mg/L	0.010	8015MOD	11/17/08	11/17/08 16:40	MR	5GC9081117A
o-Terphenyl(Surrogate)	116	70-130		%REC	0.010	8015MOD	11/17/08	11/17/08 16:40	MR	5GC9081117A



License No. AZ0133/AZM133

CLIENT: Work Order:

Bristol Environmental & Engineering

08110237

Lab ID:

08110237-10

Project Name:

Bond & Bond

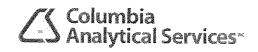
Project Number: 48015

Client Sample ID: B-22-13'

Collection Date: 11/17/2008 4:30:00 PM

Matrix: Soil

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analysi	Batch ID
		PRE	P METHOD:	8015AZR1					Test Per	formed By: AZM133
C10-C22 DRO	<30	30		mg/Kg	0.10	8015AZ	11/17/08	11/17/08 17:43	MR	5GC9081117B
C22-C32 ORO	<100	100		mg/Kg	0.10	8015AZ	11/17/08	11/17/08 17:43	MR	5GC9081117B
C10-C32 SRL	<130	130		mg/Kg	0.10	8015AZ	11/17/08	11/17/08 17:43	MR	5GC9081117B
o-Terphenyl(Surrogate)	116	70-130		%REC	0.10	8015AZ	11/17/08	11/17/08 17:43	MR	5GC9081117B
		PRE	EP METHOD:	SW5035					Test Per	formed By: AZM133
Methyl tert-butyl ether	<0.20	0.20		mg/Kg	1.0	SW8021B	11/17/08	11/17/08 17:28	MR	ML5GC8081117A
Benzene	< 0.050	0.050		mg/Kg	1.0	SW8021B	11/17/08	11/17/08 17:28	MR	ML5GC8081117A
Ethylbenzene	<0.10	0.10		mg/Kg	1.0	SW8021B	11/17/08	11/17/08 17:28	MR	ML5GC8081117A
Toluene	<0.10	0.10		mg/Kg	1.0	SW8021B	11/17/08	11/17/08 17:28	MR	ML5GC8081117A
Xylenes, total	< 0.15	0.15		mg/Kg	1.0	SW8021B	11/17/08	11/17/08 17:28	MR	ML5GC8081117A
TVFHC (C6-C10)	<10	10		mg/Kg	1.0	SW8021B	11/17/08	11/17/08 17:28	MR	ML5GC8081117A
Bromofluorobenzene(Surrogate)	94	70-130		%REC	1.0	SW8021B	11/17/08	11/17/08 17:28	MR	ML5GC8081117A



License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Client Sample ID: B-22-W

Work Order:

08110237

Collection Date: 11/17/2008 4:45:00 PM

Lab ID:

08110237-11

Matrix: Aqueous

Project Name:

Bond & Bond

Project Number: 48015

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Batch ID
		PRE	P METHOD:	SW5030B					Test Per	formed By: AZ0133
Methyl tert-butyl ether	<4.0	4.0		µg/L	1.0	SW8021B	11/17/08	11/17/08 17:11	MR	ML5GC8081117
Benzene	<1.0	1.0		µg/L	1.0	SW8021B	11/17/08	11/17/08 17:11	MR	ML5GC8081117
Ethylbenzene	<2.0	2.0		µg/L	1.0	SW8021B	11/17/08	11/17/08 17:11	MR	ML5GC8081117
Toluene	<2.0	2.0		µg/L	1.0	SW8021B	11/17/08	11/17/08 17:11	MR	ML5GC8081117
Xylenes, total	<3.0	3.0		µg/L	1.0	SW8021B	11/17/08	11/17/08 17:11	MR	ML5GC8081117
TVFHC (C6-C10)	<200	200		µg/L	1.0	SW8021B	11/17/08	11/17/08 17:11	MR	ML5GC8081117
Bromofluorobenzene(Surrogate)	105	67-128		%REC	1.0	SW8021B	11/17/08	11/17/08 17:11	MR	ML5GC8081117
		PREP N	ИЕТНОD: SVI	V3510C-MOD					Test Peri	ormed By: AZM133
C10-C22 DRO	<3.0	3.0		mg/L	0.010	8015MOD	11/17/08	11/17/08 17:14	MR	5GC9081117A
C22-C32 ORO	<10	10		mg/L	0.010	8015MOD	11/17/08	11/17/08 17:14	MR	5GC9081117A
o-Terphenyl(Surrogate)	113	70-130		%REC	0.010	8015MOD	11/17/08	11/17/08 17:14	MR	5GC9081117A



License No. AZ0133/AZM133

CLIENT: Work Order:

Bristol Environmental & Engineering

08110237

Lab ID:

00110257

Project Name:

08110237-12 Bond & Bond

Project Number: 48015

Client Sample ID: B-23-10

Collection Date: 11/18/2008 8:55:00 AM

Matrix: Soil

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Batch ID
		PRE	P METHOD:	8015AZR1					Test Per	formed By: AZM133
C10-C22 DRO	<30	30		mg/Kg	0.10	8015AZ	11/18/08	11/18/08 9:52	MR	5GC9081118B
C22-C32 ORO	<100	100		mg/Kg	0.10	8015AZ	11/18/08	11/18/08 9:52	MR	5GC9081118B
C10-C32 SRL	<130	130		mg/Kg	0.10	8015AZ	11/18/08	11/18/08 9:52	MR	5GC9081118B
o-Terphenyl(Surrogate)	112	70-130		%REC	0.10	8015AZ	11/18/08	11/18/08 9:52	MR	5GC9081118B
		PRE	P METHOD:	SW5035					Test Perf	ormed By: AZM133
Methyl tert-butyl ether	<0.20	0.20		mg/Kg	1.0	SW8021B	11/18/08	11/18/08 9:49	MR	ML5GC8081118A
Benzene	< 0.050	0.050		mg/Kg	1.0	SW8021B	11/18/08	11/18/08 9:49		ML5GC8081118A
Ethylbenzene	<0.10	0.10		mg/Kg	1.0	SW8021B	11/18/08	11/18/08 9:49		ML5GC8081118A
Toluene	<0.10	0.10		mg/Kg	1.0	SW8021B	11/18/08	11/18/08 9:49		ML5GC8081118A
Xylenes, total	<0.15	0.15		mg/Kg	1.0	SW8021B	11/18/08	11/18/08 9:49		VL5GC8081118A
TVFHC (C6-C10)	<10	10		mg/Kg	1.0	SW8021B	11/18/08	11/18/08 9:49		WL5GC8081118A
Bromofluorobenzene(Surrogate)	87	70-130		%REC	1.0	SW8021B	11/18/08	11/18/08 9:49		ML5GC8081118A



License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Client Sample ID: B-23-W

Work Order:

08110237

Collection Date: 11/18/2008 10:00:00 AM

Lab ID:

08110237-13

Matrix: Aqueous

Project Name:

Bond & Bond

Project Number: 48015

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Batch ID
		PRE.	Р МЕТНОО:	SW5030B					Test Per	formed By: AZ0133
Methyl tert-butyl ether	<4.0	4.0		µg/L	1.0	SW8021B	11/18/08	11/18/08 10:35	MR	ML5GC8081118
Benzene	<1.0	1.0		µg/L	1.0	SW8021B	11/18/08	11/18/08 10:35	MR	ML5GC8081118
Ethylbenzene	<2.0	2.0		µg/L	1.0	SW80218	11/18/08	11/18/08 10:35	MR	ML5GC8081118
Toluene	<2.0	2.0		µg/L	1.0	\$W8021B	11/18/08	11/18/08 10:35	MR	ML5GC8081118
Xylenes, total	<3.0	3.0		µg/L	1.0	SW8021B	11/18/08	11/18/08 10:35	MR	ML5GC8081118
TVFHC (C6-C10)	<200	200		µg/L	1.0	SW8021B	11/18/08	11/18/08 10:35	MR	ML5GC8081118
Bromofluorobenzene(Surrogate)	108	67-128		%REC	1.0	SW8021B	11/18/08	11/18/08 10:35	MR	ML5GC8081118
		PREP N	1ETHOD: SV	V3510C-MOD					Test Peri	ormed By: AZM133
C10-C22 DRO	<3.0	3.0		mg/L	0.010	8015MOD	11/18/08	11/18/08 10:22	MR	5GC9081118A
C22-C32 ORO	<10	10		mg/L	0.010	8015MOD	11/18/08	11/18/08 10:22	MR	5GC9081118A
o-Terphenyl(Surrogate)	113	70-130		%REC	0.010	8015MOD	11/18/08	11/18/08 10:22	MR	5GC9081118A



09-Dec-08

License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08110237

Project: Bond

Bond & Bond/48015

QC SUMMARY REPORT

Method Blank

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
C10-C22 DRO	<30	30		mg/Kg	0.1	8015AZ	11/17/08	11/17/08 7:50	MR	5GC9081117B
C22-C32 ORO	<100	100		mg/Kg	0.1	8015AZ	11/17/08	11/17/08 7:50	MR	5GC9081117B
C10-C32 SRL	<130	130		mg/Kg	0.1	8015AZ	11/17/08	11/17/08 7:50	MR	5GC9081117B
o-Terphenyl	120	70-130		%REC	0.1	8015AZ	11/17/08	11/17/08 7:50	MR	5GC9081117B
C10-C22 DRO	<30	30		mg/Kg	0.1	8015AZ	11/18/08	11/18/08 5:04	MR	5GC9081118B
C22-C32 ORO	<100	100		mg/Kg	0.1	8015AZ	11/18/08	11/18/08 5:04	MR	5GC9081118B
C10-C32 SRL	<130	130		mg/Kg	0.1	8015AZ	11/18/08	11/18/08 5:04	MR	5GC9081118B
o-Terphenyl	119	70-130		%REC	0.1	8015AZ	11/18/08	11/18/08 5:04	MR	5GC9081118B
Methyl tert-butyl ether	<0.20	0.20		mg/Kg	1	SW8021B	11/17/08	11/17/08 7:00	MR	ML5GC8081117A
Benzene	< 0.050	0.050		mg/Kg	1	SW8021B	11/17/08	11/17/08 7:00	MR	ML5GC8081117A
Ethylbenzene	<0.10	0.10		mg/Kg	1	SW8021B	11/17/08	11/17/08 7:00	MR	ML5GC8081117A
Toluene	< 0.10	0.10		mg/Kg	1	SW8021B	11/17/08	11/17/08 7:00	MR	ML5GC8081117A
Xylenes, total	<0.15	0.15		mg/Kg	1	SW8021B	11/17/08	11/17/08 7:00	MR	ML5GC8081117A
TVFHC (C6-C10)	<10	10		mg/Kg	1	SW80218	11/17/08	11/17/08 7:00	MR	ML5GC8081117A
Bromofluorobenzene	88	70-130		%REC	1	SW8021B	11/17/08	11/17/08 7:00	MR	ML5GC8081117A
Methyl tert-butyl ether	< 0.20	0.20		mg/Kg	1	SW8021B	11/18/08	11/18/08 6:47	MR	ML5GC8081118A
Benzene	< 0.050	0.050		mg/Kg	1	SW8021B	11/18/08	11/18/08 6:47	MR	ML5GC8081118A
Ethylbenzene	< 0.10	0.10		mg/Kg	1	SW8021B	11/18/08	11/18/08 6:47	MR	ML5GC8081118A
Toluene	< 0.10	0.10		mg/Kg	1	SW8021B	11/18/08	11/18/08 6:47	MR	ML5GC8081118A
Xylenes, total	< 0.15	0.15		mg/Kg	1	SW80218	11/18/08	11/18/08 6:47	MR	ML5GC8081118A
TVFHC (C6-C10)	<10	10		mg/Kg	1	SW8021B	11/18/08	11/18/08 6:47	MR	ML5GC8081118A
Bromofluorobenzene	82	70-130		%REC	1	SW8021B	11/18/08	11/18/08 6:47	MR	ML5GC8081118A



09-Dec-08

License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08110237

QC SUMMARY REPORT

Work Ord	ler: 08110237								~ ~ ~ ~	~	1 .	
Project:	Bond & B	ond/48015								S	ample M	atrix Sp
Analyte		Result	PQL	SPK value	SPK Ref Val	% Rec	Low Limit	High Limit	RPD Ref Val	% RPI		Qual
Sample ID:	08110237-01A MS	Batch ID: 50	GC9081117B		Test	Code: 8	015AZ		Date Analy	zed:	11/17/08 11	:30
Client ID:	B-18-5'				Unit	s: mg/Kg	<b>\$</b>		Date Prepar			
C10-C22 DRO	· · · · · · · · · · · · · · · · · · ·	521	30	500		104%	60	136				
o-Terphenyl		11.4	N/A	10.0		114%	70	130				
Sample ID:	08110237-01A MSD	Batch ID: 56	GC9081117B		Test	Code: 8	015AZ		Date Analy	zed:	11/17/08 12	:00
Client ID:	B-18-5'				Unit	s: mg/Kg	ţ		Date Prepai	ed:	11/17/08	
C10-C22 DRO		523	30	500		105%	60	136	521	0%	6 20	
o-Terphenyl		11.3	N/A	10.0		113%	70	130		• , ,		
Sample ID:	08110237-12A MS	Batch ID: 50	GC9081118B		Test	Code: 8	015AZ	***************************************	Date Analy	zed:	11/18/08 10	:48
Client ID:	B-23-10'					s: mg/Kg			Date Prepar			
C10-C22 DRO		520	30	500		104%	60	136				
o-Terphenyl		11.4	N/A	10.0		114%	70	130				
Sample ID:	08110237-12A MSD	Batch ID: 50	GC9081118B		Test	Code: 8	015AZ		Date Analy:	zed:	11/18/08 11	:21
Client ID:	B-23-10'				Unit	s; mg/Kg	;		Date Prepar	ed:	11/18/08	
C10-C22 DRO		530	30	500		106%	60	136	520	2%	5 20	· · · · · · · · · · · · · · · · · · ·
o-Terphenyl		11.3	N/A	10.0		113%	70	130				
Sample ID:	08110237-01A Btex	Batch ID: M	L5GC808111	7A	Test	Code: S	W8021B		Date Analy:	zed:	11/17/08 11	:24
Client ID:	B-18-5'				Unit	s; mg/Kg	;		Date Prepar	ed:	11/17/08	
Methyl tert-buty	l ether	0.410	0.20	0.500		82%	57	140				
Benzene		0.453	0.050	0.500		91%	44	138				
Ethylbenzene		0.476	0.10	0.500		95%	59	129				
Toluene		0,466	0.10	0.500		93%	29	152				
Xylenes, total		1,444	0.15	1.50		96%	50	142				
Bromofluorober	nzene	0.914	N/A	1.00		91%	70	130	anni an			
Sample ID:	08110237-01A Btex	Batch ID: M	L5GC808111	7A	Test	Code: S	W8021B		Date Analy:	zed:	11/17/08 11	:40
Client ID:	B-18-5'				Units	s; mg/Kg			Date Prepar	ed:	11/17/08	
Methyl tert-buty	l ether	0.387	0.20	0.500		77%	57	140	0.41	6%	22	
3enzene		0.446	0.050	0.500		89%	44	138	0.453	2%	20	
Ethylbenzene		0.484	0.10	0.500		97%	59	129	0.476	2%	20	
Toluene		0.463	0.10	0.500		93%	29	152	0.466	1%	20	
Xylenes, total		1.517	0.15	1.50		101%	50	142	1.44	5%	20	
Bromofluorober	nzene	0.934	N/A	1.00		93%	70	130				
Sample ID:	08110237-01A GRO	Batch ID: M	L5GC808111	7A	Test	Code: S	W8021B		Date Analy:	zed:	11/17/08 11	:54
Client ID:	B-18-5'				Units	s: mg/Kg			Date Prepar	ed:	11/17/08	
TVFHC (C6-C1	0)	26.2	10	25.0		105%	70	130				
Bromofluorober	nzene	0.983	N/A	1.00		98%	70	130				



09-Dec-08

License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08110237

Project:

Bond & Bond/48015

QC SUMMARY REPORT

Sample Matrix Spike Duplicate

roject. Dond & D	011d/46013						•		
Analyte	Result	PQL	SPK value	SPK % Ref Val Rec	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit Qual
Sample ID: 08110237-01A GRO	Batch ID: M	L5GC80811	17A	Test Code: S	W8021B		Date Analy	zed: 11	/17/08 12:10
Client ID: B-18-5'				Units: mg/Kg	<b>S</b>		Date Prepa	red: 11/	17/08
TVFHC (C6-C10)	26.4	10	25.0	106%	70	130	26.2	1%	0
Bromofluorobenzene	0.977	N/A	1.00	98%	70	130			
Sample ID: 08110237-12A Btex	Batch ID: MI	L5GC80811	18A	Test Code: S	W8021B		Date Analy	zed: 11	/18/08 10:06
Client ID: B-23-10'				Units: mg/Kg	;		Date Prepa	red: 11/	18/08
Methyl tert-butyl ether	0.398	0.20	0.500	80%	57	140			
Benzene	0.463	0.050	0.500	93%	44	138			
Ethylbenzene	0.482	0.10	0.500	96%	59	129			
Toluene	0.470	0.10	0.500	94%	29	152			
Xylenes, total	1.465	0.15	1.50	98%	50	142			
Bromofluorobenzene	0.957	N/A	1.00	96%	70	130			
Sample ID: 08110237-12A Btex	Batch ID: MI	L5GC80811	18A	Test Code: 8	W8021B		Date Analy	zed: 11	/18/08 10:20
Client ID: B-23-10'				Units: mg/Kg			Date Prepar	red; 11/	18/08
Methyl tert-butyl ether	0.376	0.20	0.500	75%	57	140	0.398	6%	22
Benzene	0.473	0.050	0.500	95%	44	138	0.463	2%	20
Ethylbenzene	0.509	0.10	0.500	102%	59	129	0.482	5%	20
Toluene	0.486	0.10	0.500	97%	29	152	0.47	3%	20
Xylenes, total	1.602	0.15	1.50	107%	50	142	1.46	9%	20
Bromofluorobenzene	1.00	N/A	1.00	100%	70	130			
Sample ID: 08110237-12A GRO	Batch ID: MI	_5GC80811	18A	Test Code: S	W8021B		Date Analy	zed: 11	/18/08 10:50
Client ID: B-23-10'				Units: mg/Kg			Date Prepar	red: 11/	18/08
TVFHC (C6-C10)	27.8	10	25.0	111%	70	130	· · · · · · · · · · · · · · · · · · ·		
Bromofluorobenzene	1.03	N/A	1.00	103%	70	130			
Sample ID: 08110237-12A GRO	Batch ID: MI	L5GC80811	18A	Test Code; S	W8021B		Date Analy	zed: 11	/18/08 11:08
Client ID: B-23-10'				Units: mg/Kg			Date Prepai		
TVFHC (C6-C10)	28.4	10	25.0	114%	70	130	27.8	2%	0
Bromofluorobenzene	1.04	N/A	1.00	104%	70	130			-



09-Dec-08

License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08110237

QC SUMMARY REPORT

	8110237 Bond & Bond/48015									В	lank Spike		
Analyte	Result	PQL	SPK value	SPK Ref Val	% Rec	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual		
Sample ID: LFB	Batch ID: 50	GC9081117B		Test	Code: 8	015AZ		Date Analyzed: 11/17/08 08:28					
				Unit	s: mg/Ka	5		Date Prepare					
C10-C22 DRO	542	30	500		108%	70	130				***************************************		
o-Terphenyl	11.6	N/A	10.0		116%	70	130						
Sample ID: LFB	Batch ID: 50	GC9081118B		Test	Code: 8	015AZ		Date Analyz	ed: 1	1/18/08 05:	36		
				Unit	s; mg/Kg	Ş		Date Prepare	ed: 11	/18/08			
C10-C22 DRO	545	30	500		109%	70	130						
o-Terphenyl	11.6	N/A	10.0		116%	70	130						
Sample ID: LFBD	Batch ID: 50	GC9081117B		Test	Code: 8	015AZ		Date Analyz	57				
		_		Unit	s: mg/Kg	5		Date Prepare	d: 11	11/17/08			
C10-C22 DRO	516	30	500		103%	70	130	542	5%	20			
o-Terphenyl	10.9	N/A	10.0		109%	70	130						
Sample ID: LFBD	Batch ID: 50	C9081118B		Test	Code: 8	015AZ		Date Analyze	08				
				Unit	s: mg/Kg	,		Date Prepare	d: 11	/18/08			
C10-C22 DRO	530	30	500		106%	70	130	545	3%	20			
o-Terphenyl	11.2	N/A	10.0		112%	70	130						
Sample ID: Btex LCS	50ng Batch ID; M	L5GC808111	7A	Test	Code: S	W8021B		Date Analyzo	21				
				Unit	s: mg/Kg	,		Date Prepare	d: 11	/17/08			
Methyl tert-butyl ether	0.396	0.20	0.500		79%	70	130						
Benzene	0.490	0.050	0.500		98%	70	130						
Ethylbenzene	0,499	0.10	0.500		100%	70	130						
Toluene	0.504	0.10	0.500		101%	70	130						
Xylenes, total	1.544	0.15	1.50		103%	70	130						
Bromofluorobenzene	0.933	N/A	1.00		93%	70	130						
Sample ID: Btex LCS:	50ng Batch ID: Mi	L5GC808111	8A	Test	Code: S	W8021B		Date Analyze	ed: 1	1/18/08 07:	04		
				Units	s: mg/Kg			Date Prepare	d: 11	/18/08			
Methyl tert-butyl ether	0.429	0.20	0.500		86%	70	130						
Benzene	0.478	0.050	0.500		96%	70	130						
Ethylbenzene	0.512	0.10	0.500		102%	70	130						
Toluene	. 0.491	0.10	0.500		98%	70	130						
Xylenes, total	1.603	0.15	1.50		107%	70	130						
Bromofluorobenzene	0.984	N/A	1.00		98%	70	130						



09-Dec-08

License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08110237

**QC SUMMARY REPORT** 

Blank Spike Duplicate Bond & Bond/48015 Project: **SPK SPK** % Low High **RPD RPD** Analyte Result POL value Ref Val Rec Limit Limit Ref Val **RPD** Limit Qual Test Code: SW8021B Sample ID: Btex LCSD 50ng Batch ID: ML5GC8081117A Date Analyzed: 11/17/08 07:39 Units: mg/Kg Date Prepared: 11/17/08 Methyl tert-butyl ether 0.399 0.20 0.500 80% 70 130 0.396 1% 23 Benzene 0.487 0.050 0.500 97% 70 130 0.49 1% 20 Ethylbenzene 0.500 0.10 0.500 100% 70 0.499 130 0% 20 Toluene 0.499 0.10 0.500 100% 70 130 0.504 1% 20 Xylenes, total 1.535 1.50 0.15 102% 70 130 1.54 0% 20 Bromofluorobenzene 0.924 N/A 1.00 92% 70 130 Sample ID: Btex LCSD 50ng Batch ID: ML5GC8081118A Test Code: SW8021B Date Analyzed: 11/18/08 07:22 Units: mg/Kg Date Prepared: 11/18/08 Methyl tert-butyl ether 0.409 0.20 0.500 82% 70 130 0.429 5% 23 Benzene 0.476 0.050 0.500 95% 70 130 0.478 0% 20 Ethylbenzene 0.493 0.10 0.500 99% 70 0.512 130 4% 20 Toluene 0.486 0.10 0.500 97% 70 130 0.491 1% 20 Xylenes, total 1.529 0.15 1.50 102% 70 130 1.6 4% 20 Bromofluorobenzene 0.906 N/A 1.00 91% 70 130 Sample ID: GRO LCS 2500ng Batch ID: ML5GC8081117A Test Code: SW8021B Date Analyzed: 11/17/08 07:56 Units: mg/Kg Date Prepared: 11/17/08 TVFHC (C6-C10) 26.0 10 25.0 104% 70 130 Bromofluorobenzene 0.952 N/A 1.00 95% 70 130 Sample ID: GRO LCS 2500ng Batch ID: ML5GC8081118A Test Code: SW8021B Date Analyzed: 11/18/08 07:39 Units: mg/Kg Date Prepared: 11/18/08 TVFHC (C6-C10) 26.4 10 25.0 106% 70 130 Bromofluorobenzene 0.963 N/A 1.00 96% 70 130 Sample ID: GRO LCSD 2500ng Batch ID: ML5GC8081117A Test Code: SW8021B Date Analyzed: 11/17/08 08:13 Units: mg/Kg Date Prepared: 11/17/08 TVFHC (C6-C10) 27.4 10 25.0 110% 70 5% 130 26 20 Bromofluorobenzene 0.936 N/A 1.00 94% 70 130 Sample ID: GRO LCSD 2500ng Batch ID: ML5GC8081118A Test Code: SW8021B Date Analyzed: 11/18/08 07:56 Units: mg/Kg Date Prepared: 11/18/08 TVFHC (C6-C10) 28.3 25.0 10 113% 70 130 26.4 7% 20 Bromofluorobenzene 0.957 1.00 N/A 96% 70 130

Storage	Location:	ML



### Sample Receipt Checklist

Client Name: Bristul	The state of the s			1 10 1611						
	Date and Time	Date and Time Received: 11/21/8 1600								
Work Order Number: 08/10237	Checked by: (	Checked by: O								
Checklist completed by: Signatury Date	y/x	Logged In by:	18 ((a4) Initials/Date	108						
Matrix: Son! Carrier Name: Client (CAS)			Initials / Date							
Shipping container/cooler in good condition?	Yes 🖢	No □	Not Present □	<b>COMMENTS</b>						
Custody seals intact on shipping container/cooler?	Yes □	No 🗆	Not Present							
Custody seals intact on sample bottles?	Yes 🗆 🗸	No □	Not Present	/						
Chain of custody signed when relinquished and received?	Yes 🗹	No □	Not Present   Not Present							
Chain of custody agrees with sample labels?	Yes 🖫	No □	Not Frescht							
Samples in proper container/bottle?	Yes [	No □								
Sample containers intact?	Yes 🗆	No □								
Sufficient sample volume for indicated test?	Yes 🛘	No 🗆								
All samples received within holding time?	Yes 🗆	No □								
Temperature in compliance?	Yes	No□	Temp:	Wet Ice Present □						
Where was the temperature reading taken at?	Sample □	Temp Blank □	Other:	wether reseming						
Water - VOA vials have zero headspace?	Yes □	No □	N/A []							
Water – Colilert containers have = 2.5 cm headspace?	Yes □	No □	N/A							
Water - pH acceptable upon receipt?	Yes □	No □	N/A	Checked by:						
Water - Sulfides present in Cyanide samples?	Yes □	No□	N/A	enceked by.						
Dissolved Water Analytes - Field Filtered?	Yes □	No□	N/A							
Comments:										
Person contacted: Date contacted:										
Regarding:										
Corrective Action:										
Im 11/24/28										



3725 E. Atlanta Ave.

Phoenix, Arizona 85040 Phone: (602) 437-0330 Fax: (602) 437-0660 3860 S. Palo Verde Rd., Ste. 301

Tucson, Arizona 85040 Phone: (520) 573-1061 Fax: (520) 573-1063 **ML Chain of Custody** 

Work Order No: 08/10237

Date 11/17/08 Page 1 of Z

Project Manager:	Scott Ruth									Bill to: Same												
Client Name:	Bristol Environmental										Company	r										
Address: III W. 16th Ave, Suite 301										Address:		16.				*********						
City, State ZIP:	Anchorage AK 995D1 Phone: (907)563-0013									City, Stat	e ZIP						Pho	ne:			** · · · · · · · · · · · · · · · · · ·	
Email: sruth@bristd-companistation (907) 563-6713									Email: Fax:													
	Bond &			······································	Job Lo	cation:				Mo	bile Lab	Anal	ysis			Fix	ed Basi	Lab	Analys	iis		
Project Number:	48015	.s •									3									S	7	
P.O. Number:					1		0000			-	15									12		
Mobile Lab Billab	le Informatio	n	0.000	Mobile La	nb Receipt						MOKE				Volat		Sen			PX Luctor		
Date:		************	Temperatu		1		7			Soh	70				ile O		ni-Va		कु			
Bill Start Time:					oratory Re	ceipt				/ent s	1				rgani		atile					
Bill Stop Time:			Temperatu	ire (°C):			No. or	TVFHC	876	Scree		HA!	РСВ		cs G		Orga			82 PJ	50	15 m 402
Total Hours:			Received I	ntact:	Yes 1	lo N/A	ွှင့်		)8) X (8)	n (80	318	801	's (80		CMS	PA	mics			8	, 0	ur)
Sample Identification	Matrix	Lab ID	Date Sampled	Time Sampled	Date Received	Time Received	ntainers	(8021mod)	BTEX (8021mod)	Solvent Screen (8021mod)	BTEX (8021)	ГРН (8015AZR.1)	PCB's (8082mod)		Volatile Organics GCMS (8260B)	PAH (8310)	Semi-Volatile Organics (8270C)					ntainer Type / narks
18-18-5	50:1	O/A	14)17bg	1005	11/17/68	1620	1		T-	Ť		Ž				Ť				$\neg$ ×		
13-10'		450		lolo		1														Ì		
8-19-8.5		034		1/50		1200					-											
R~18-W	Aq	044			<u> </u>	7	3			ļ		Ш										
B-20-9' B-19-W	Soil	024		1240		1250	1	<u> </u>		L										$\nearrow$		
B-19-W	<u>Aa</u>	∂(wA				ــلـــــــــــــــــــــــــــــــــــ	3			ļ		Ш	ļ		<u> </u>			-	<u> </u>			
B-20-W		#FO		1315		1335	3	_		ļ		<del>                                     </del>	<u> </u>		<b> </b>	ļ						
B-2(-11,5'	Soil	084		1535	<b></b>	1600	1	_	_	<u> </u>	<del>                                     </del>	1	ļ		<b> </b>				<del>                                     </del>	$-\!\!\!\!/\!\!\!\!\!/$	4	
B-21-W B-22-13'	Svil	104	<del>                                     </del>	1600	igwedge	11.50	3	-	-	$\vdash$	+		ļ		⊩					-	+	
		107	للسل	।८३०	<u> </u>	11,55	0.0001020000	1		35701250		<u> </u>		1							7	
Relinquished by: (Sig	nature)		Print) حد کا	Name)					120211100000000000000000000000000000000		nature)			IA.			Name)	<u> </u>			Con	ments
laterius		1191	H Fans	> T		<u> </u>	oy	/vV	ĮW	ry pe	<u> </u>			Jv ()	i Ann	) !	ismicr,		-+			
																*			$-\!\!\!+$			
3		27744				<b></b>				-												·
Relinguished by: (Signature)	nature)	i de la composición dela composición de la composición de la composición dela composición dela composición dela composición de la composición de la composición de la composición dela composición de la composición de la composición dela		Name)			Re	ceive	ed by:	( <b>S</b>  g	pature)			$\triangle$	(1	Print	Name)		$\perp 1$		Date	/Time
(mobile lab)	jll ]	Ma.	rgan Ruj	160	***************************************	(fixed lab) —	Z.			1				( <u>-</u> X02	0 1	1	300	j	1	1/21/	8	1600
(fixed lab)		-					<u>)                                    </u>							J		ı	<u> </u>			1 1		



3725 E. Atlanta Ave.

Phoenix, Arizona 85040 Phone: (602) 437-0330 Fax: (602) 437-0660 3860 S. Palo Verde Rd., Ste. 301

Tucson, Arizona 85040 Phone: (520) 573-1061 Fax: (520) 573-1063 **ML Chain of Custody** 

Work Order No: <u>○81\0237</u>

Date 11/17/09 Page 2 of 2

Project Manager: Client Name:	Same									Bill to: Same Company:														
Address:			77110									Addres										***		***************************************
City, State ZIP:	***************************************				Phone:							City, S	tate ZI	P:						F	Phone:			
Email:					Fax:							Email:								F	ax;			
Project Name:	Sa	me	***			Job Lo	cation:				Mot	oile La	b Ana	ilysi	S			Fixe	ed Bas	se La	ab Anal	ysis		
Project Number:																								
P.O. Number;												-	>										又	
Mobile Lab Billa	ble In	formation	1		Mobile La	b Receipt	# 78 W B	1000				120					Volat		Sem				EX for Ctal	
Date:				Temperatu	re (°C):						Solv	Solvent S	2				ile Or		i-Vol	Ì	<del>   </del>		E	
Bill Start Time:				~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	d Base Lab	oratory Re	ceipt		٦	_	ent S						ganic		atile		į		ह	
Bill Stop Time:		······································		Temperatu	.,			No. of	/FHC	зтех	reen	-	T E	PCB's (8082mod)	5				rgani					504 in 402
Total Hours: Sample Identification		Matrix	Lab ID	Received I	Time	Yes N Date	Time	Contair	TVFHC (8021mod)	BTEX (8021mod)	Solvent Screen (8021mod)		гРН (8015AZR,1)	(2000)	-cana)		Volatile Organics GCMS (8260B)	PAH (8310)	Semi-Volatile Organics (8270C)				§21W	Container Type /
				Sampled	Sampled	Received	Received	mers	g g	ō <u>ď</u>	od)		<del></del>	7 3	3		0B)	310)	(2)					Remarks
B-22-W		A4 5071	11A	11]17 v\sq 11]18 v\sq	1645	11/17/08	1655	3	-				$\stackrel{\wedge}{\mapsto}$	4	_	+						-	$\overline{}$	
B-23-10'		<u>36. 1</u> Ag	12A 13A	11/18/42	1000	11/18/04	6900 1018	3				-	$\vdash$			-				_			X	. ,
13 23 VV		<u> </u>	177		1000	ستعلق	101	1	<del>                                     </del>			<del> </del>	ام اساد	+		1	<b></b>			$\dashv$			-	
				***************************************				<u> </u>						$\top$										
								ļ	ļ															
								<u> </u>												_				
								<u> </u>					_	+	_	+				-			***************************************	
Relinquished by: (Ş	onatiu	e) [	L	l (Print	Name)		l	Rer	l	d hw	/Sior	nature)					1	rint	Name)				i	Comments
1 Matty and	911515	3/	Ma		ist		More			neU	( ( ( )	,,	<u>/////////////////////////////////////</u>	7.000		Morg		RV						, OH 111 CATES
2100				, , , , , , , ,			1100	<del>( ` ` `</del>	1000	2 220	`					ž		<u></u>	00-01		.,			
3										**********		-												
Relinquished by: (S	gnatui	e)		(Print	Name)			Red	ceive	d bv2	(Siar	nature)		/1//////		(280)2(8)	(F	rint l	Name)		lines again		ī	Date/Time
(mobile lab) My			No	Jan Play	sama sakacalah dan babah		(fixed lab)	<b>7</b>	<u> </u>	1/(	2171557). ,	7			0000 (150 <i>000</i>	Xos			do			/()	7	8 /600
(fixed lab)			<del></del>	- 1 1 20 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	**			)		O	AT	<i>y</i>				<del>/ } ~</del>	<u> </u>	7		·		- (	7	



December 08, 2008

Scott Ruth Bristol Environmental & Engineering 111 W. 16th Ave., Ste 301 Anchorage, AK 99501-1116

RE: Bond & Bond/48015

Work Order No.:

08110267

Dear Scott,

Columbia Analytical Services, Inc. received 3 samples on 11/18/08. The results of the analyses are presented in the following report.

The Case Narrative of this report addresses any Quality Control and/or Quality Assurance issues associated with this Work Order.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. The test results meet requirements of the current NELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAPaccredited analytes, refer to the certifications section at www.caslab.com.

If you have any questions regarding these test results, please feel free to call us at (602) 437-0330.

Sincerely,

Marcia A. Smith

Project Manager

ADHS License No. AZ0133/AZ0667/AZM133



Client:

Bristol Environmental & Engineering

Work Order:

08110267

Project Name: Bond & Bond

Project Number: 48015

Date Printed: 08-Dec-08

Case Narrative

Samples were received intact and within proper temperature criteria.

Results are reported on a wet weight basis unless dry-correction is denoted in the units field on the analytical report ("mg/kg-dry").

All method blanks, laboratory spikes, and/or matrix spikes met quality control objectives for the parameters associated with this Work Order except as detailed below or on the Data Qualifier page of this report. Data Qualifiers used in this report are in accordance with ADEQ Arizona Data Qualifiers, Revision 3.0 9/20/2007.

Data qualifiers ("flags") contained within this analytical report have been issued to explain a quality control deficiency, and do not affect the quality (validity) of the data unless noted otherwise in the case narrative.

Analytical Comments for Method 8015B: N1: Samples 08110267-01,-02,-03, MB, MS/MSD, LCS/LCSD: Batch 1956: The surrogate in a CCV was outside of the laboratory acceptance limits. However, surrogate recoveries in the associated samples were acceptable.



License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

**Project Name:** 

Bond & Bond

Project Number: 48015 Work Order:

08110267

18-Nov-08 Date Received:

Case Narrative

**Data Qualifiers** 

One or more of the following data qualifiers may be associated with your analytical and/or quality control data.

D1Sample required dilution due to matrix.

D2 Sample required dilution due to high concentration of target analyte.

N1 See case narrative.

T5 Laboratory not licensed for this parameter.



License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Project Name:

Bond & Bond

Project Number: 48015 Work Order: 08110267 Work Order Sample Summary

Client Sample ID	Lab Sample ID	Test Code	Collection Date	Date Received
B-18-W	08110267-01A	8015B	11/17/08 11:30 AM	11/18/08 09:45 AM
B-19-W	08110267-02A	8015B	11/17/08 12:15 PM	11/18/08 09:45 AM
B-20-W	08110267-03A	8015B	11/17/08 01:15 PM	11/18/08 09:45 AM



License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Project Name:

Bond & Bond

Project Number:
Work Order:
Date Received:

48015

08110267 18-Nov-08 **Definitions** 

Analytical Spike (AS)

distilled, digested, or extracted and is ready for analysis. The AS is generally performed if the MS has failed. It is used to indicate interference that arises from sample distillation, digestion, or extraction as opposed to interference that is innate to the matrix.

The AS is a known amount of a target analyte added to a sample after it has been

Continuing Curve Verification (CCV) The CCV is also referred to as a curve check. This is a standard analyzed at specified intervals during an analysis. The CCV verifies the stability and accuracy of the calibration curve. There are specific CCV recovery acceptance criteria for each method.

Dilution Factor (DF)

The DF is an indication of how much a sample had to be diluted in order to quantitate it on a standard curve. The DF is indicated in the reported sample result. The sample PQL increases as the dilution increases.

Internal Standard (IS)

The IS is a compound that is similar to the organic compound of interest in terms of chemical composition but is unique in that it is rare in the environment. The same concentration of IS is added to every sample for some organic methods.

Laboratory Control Sample (LCS)

The LCS is also referred to as a blank spike. The LCS is an addition of a known amount of a target analyte (from the same source as calibration standards or spikes) to an aliquot of deionized water or other appropriate clean matrix. The LCS is processed through the entire method procedure in the same manner as samples.

Matrix Spike (MS)

The MS is a known amount of a target analyte added to a sample. The MS is processed through the entire method procedure in the same manner as samples.

Method Blank (MB)

The MB is an aliquot of deionized water or other appropriate clean matrix that is thought to be free of the analyte in question. The MB is processed through the entire extraction or analysis procedure and is used to indicate contamination in the lab.

Method Detection Limit (MDL)

The MDL is the lowest level of detection of which a method is capable.

Practical Quantitation Limit (PQL)

The PQL is the lowest value at which Columbia Analytical Services can detect an analyte in matrix with a high degree of confidence. The PQL will increase as the DF increases. The PQL is greater than or equal to the MDL.

Relative Percent Difference (RPD) The RPD is a measure of precision (the ability to obtain the same result on re-analysis of the same sample). It is calculated using the result of a sample, MS, LCS, or LCSV and its associated duplicate result.

Secondary Source QC Sample (LCSV) The LCSV is also referred to as a second source laboratory control sample. It is the same type of standard as a calibration or spiking standard but is obtained from a different source. The LCSV is an indication of the primary standard quality, method performance, and instrument performance.

Surrogate

A surrogate compound is similar to the organic compound of interest in terms of chemical composition but is unique in that it is rare in the environment. When surrogates are used, they are added to every sample, blank and standard. Surrogate recovery is used as an indication of extraction and/or analytical success.

Trip Blank (TB)

The TB is a portion of deionized water preserved in the same manner as the samples. The TB travels from the lab, to the field, and then back to the lab with the samples from the field. The TB serves as an indication of contamination introduced during sample transportation.



Date Printed: 08-Dec-08

License No.

AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Project Name:

Bond & Bond

**Project Number:** 

48015

Work Order: Date Received: 08110267 18-Nov-08 References

Columbia Analytical Services, Inc. uses the methods outlined in the following references:

Code of Federal Regulations, 40CFR, Part 136, Appendix A, July 2005.

Standard Methods for the Examination of Water and Wastewater, 20th Edition, 1998.

Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, Revised March 1983.

Methods for the Determination of Inorganic Substances in Environmental Samples, EPA/600/R-93/100, Revised August 1993.

Methods for the Determination of Metals in Environmental Samples, Supplement 1: EPA/600/R-94/111, Revised May 1994.

Methods for the Determination of Organic Compounds in Drinking Water, EPA/600/4-88/039, Revised July, 1991; EPA-600/4-90/020, Supplement I, July 1990; EPA-600/R-92/129; Supplement II, August 1992; EPA-600/R-95/131, Supplement III, August 1995.

Hach, Water Analysis Handbook, 3rd Edition, 1997.

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW 846, 3rd Edition, 1986 including Update I, July 1992; Update IIA, August 1993; Update II; September 1994; Update IIB, January 1995; Update III, December 1996. Update IIIA, June 1999; and Update IIIB July 2005.

Bureau of Laboratory Services, State of Arizona Department of Health Services Method 8015AZ.R1, September 1998. (Comment: C6-C10 GRO reported by this method is not to be used in compliance situations)

ASTM MethodD4982, Annual Book of ASTM Standards, Volumes 11.01 and 11.02, 1995

The Determination of Polychlorinated Biphenyls in Transformer Fluid and Waste Oils, EPA-600 4-81-045, September 1982.

EPA Method 9013A, Cyanide Extraction Procedure for Solids and Oils. (Rev, 1 November 2004)

EPA Method 5035A, Closed-System Purge-and-Trap and Extraction for Volatile Organics in Soil and Waste Samples (draft rev. 1 July 2002)

EPA Method 5030C, Purge-and-Trap for Aqueous Samples (rev.3 May 2003)

Office of Ground Water and Drinking Water Technical Support Center, EPA 815-R-05-004, Manual for Certification of Drinking Water, (5th Edition January 2005)



Date Printed 08-Dec-08

License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08110267

Client Sample ID: B-18-W

Collection Date: 11/17/2008 11:30:00 AM

Lab ID:

Matrix: Aqueous

Project Name:

08110267-01

Bond & Bond

Project Number: 48015

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Batch ID
		PRE	Р МЕТНОО:	SW3510C					Test Perfo	rmed By: AZ0133
C13-C22 DRO	180	100	T5	µg/L	1.0	8015B	11/18/08	11/18/08 22:39	LB	1956
C23-C32 ORO	130	100	T5	µg/L	1.0	8015B	11/18/08	11/18/08 22:39	LB	1956
o-Terphenyl(Surrogate)	58	42-127	N1	%REC	1.0	8015B	11/18/08	11/18/08 22:39	ĹB	1956



Date Printed 08-Dec-08

License No. AZ0133/AZM133

CLIENT: Work Order: Bristol Environmental & Engineering

08110267

Lab ID: Project Name:

08110267-02 Bond & Bond

Project Number: 48015

Client Sample ID: B-19-W

Collection Date: 11/17/2008 12:15:00 PM

Matrix: Aqueous

Analyte	Result	PQL	. Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Batch ID
		PŘ	EP METHOD.	: SW3510C					Test Perfo	rmed By: AZ0133
C13-C22 DRO	150	110	T5,D2	hg/L	1.1	8015B	11/18/08	11/19/08 0:49	LB	1956
C23-C32 ORO o-Terphenyl(Surrogate)	< <b>1</b> 10 58	110 42-127	T5,D1 N1	µg/L %REC	1.1 1.1	8015B 8015B	11/18/08 11/18/08	11/19/08 0:49 11/19/08 0:49	LB LB	1956 1956



Date Printed 08-Dec-08

License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Client Sample ID: B-20-W

Work Order:

08110267

Lab ID:

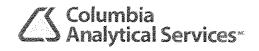
Collection Date: 11/17/2008 1:15:00 PM

Project Name:

08110267-03 Bond & Bond Matrix: Aqueous

Project Number: 48015

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Batch ID
		PR	EP METHOD.	SW3510C					Test Perfo	rmed By: AZ0133
<b>C13-C22 DRO</b> C23-C32 ORO	<b>190</b> <110	110 110	T5,D2 T5,D1	μg/L μg/L	1.1 1.1	8015B 8015B	11/18/08 11/18/08	11/19/08 1:32 11/19/08 1:32	LB LB	1956 1956
o-Terphenyl(Surrogate)	42	42-127	N1	%REC	1.1	8015B	11/18/08	11/19/08 1:32	LB	1956



Date:

08-Dec-08

License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08110267

Project: Bond & Bond/48015

QC SUMMARY REPORT

Method Blank

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Batch ID
C13-C22 DRO	<100	100	T5	µg/L	1	8015B	11/18/08	11/18/08 17:35	LB	1956
C23-C32 ORO	<100	100	T5	µg/L	1	8015B	11/18/08	11/18/08 17:35	LB	1956
o-Terphenyl	72	42-127	N1	%REC	1	8015B	11/18/08	11/18/08 17:35	LB	1956



Date:

08-Dec-08

Sample Matrix Spike

License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08110267

Project:

Bond & Bond/48015

**QC SUMMARY REPORT** 

Analyte	Result	PQL	SPK value	SPK Ref Val	% Rec	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Sample ID: 08110267-01A-MS	Batch ID: 1956			Test	Code: 8	3015B		Date Analy	zed: 11	/18/08 23:	22
Client ID: B-18-W				Unit	s: μg/L			Date Prepa	red: 11/	18/08	
C13-C22 DRO	2280	230	2330	179	90%	27	171				T5
o-Terphenyl	265	N/A	465		57%	42	127				N1
Sample ID: 08110267-01A-MSD	Batch ID: 1956			Test	Code: 8	8015B		Date Analy	zed: 11	/19/08 00:	06
Client ID: B-18-W				Units	s: μg/L			Date Prepa	red: 11/	18/08	
C13-C22 DRO	2380	230	2330	179	95%	27	171	2280	4%	20	T5
o-Terphenyl	248	N/A	465		53%	42	127				N1



Date:

08-Dec-08

License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08110267

QC SUMMARY REPORT

Project: Bond	& Bond/48015									В	lank Spike
Analyte	Result	PQL	SPK value	SPK Ref Val	% Rec	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Sample ID: LCS-1956	Batch ID: 195	6		Test	Code:	3015B		Date Analy	zed: 11	/18/08 18	19
				Unit	s; μg/L			Date Prepa	red: 11/	/18/08	
C13-C22 DRO	932	100	1000		93%	46	161				T5
o-Terphenyl	144	N/A	200		72%	42	127				N1
Sample ID: LCSD-1956	Batch ID: 195	6		Test	Code: 8	8015B		Date Analy	zed: 11	/18/08 19:	02
				Unit	s; μg/L			Date Prepa	red: 11/	18/08	
C13-C22 DRO	908	100	1000		91%	46	161	932	3%	43	T5
o-Terphenyl	140	N/A	200		70%	42	127				N1

Storage Location:
-------------------



Sample Receipt Checklist

Client Name: 305	ital		Date and Time	Received: 11	/19/09 09
Work Order Number: 🔾 🖰	3110267		Checked by:	RC	( - 1 - 6)
Checklist completed by:	-	1/8/08		Initials / Date	18/08
Matrix: AQ Carrie	r Name: Client CAS	FedEs	Reviewed by:	Initials / Date	11-19-08
Shipping container/cooler in go	od condition?	Yes.≱	No □	Not Present □	<b>COMMENTS</b>
Custody seals intact on shipping	g container/cooler?	Yes □	No □	Not Present D	
Custody seals intact on sample	bottles?	Yes □	No □	Not Present &	•
Chain of custody signed when r	elinquished and received?	Yes 🕞	No □	Not Present	
Chain of custody agrees with sa	mple labels?	Yes 🗑	No □	1100 I I OSOGIC E	
Samples in proper container/bot	tle?	Yes	No □		
Sample containers intact?		Yes 🗲	No 🗫		
Sufficient sample volume for in		Yes 🕏	No □		
All samples received within hole	ding time?	Yes 🗲	No □		
Temperature in compliance?		Yes 🔀	No□	Temp: 25	Wet Ice Present
Where was the temperature read		Sample []	Temp Blank	Other:	
Water - VOA vials have zero he		Yes □	No □	N/A 🗷	
Water - Colilert containers have		Yes □	No □	N/A 🌣	
Water - pH acceptable upon rec		Yes □	No □	N/A 🔊	Checked by:
Water - Sulfides present in Cyar		Yes 🗆	No□	N/A 庵	
Dissolved Water Analytes - Fiel	d Filtered?	Yes □	No□	N/A J	
Comments: Sample 1	23 one 11	anber	wers bro	oken	
Person contacted:	Date contacted:		Contacted b	y:	
Regarding:					

## Columbia Analytical Services

3725 E. Atlanta Ave.

Phoenix, Arizona 85040

Phone: (602) 437-0330 Fax: (602) 437-0660 3860 S. Palo Verde Rd., Ste. 302

Tucson, Arizona 85714 Phone: (520) 573-1061 Fax: (520) 573-1063 **Chain of Custody** 

Work Order No:	08110	267
Date 11/17	Page	of 👢

Project Manager: Scott Ruth		Bill to:	Same	
Client Name Bristol Environment	a l	Company:		
Address III W. 16th Ave. Suite	301	Address		
City, State ZIP: Anchorage, AK 99501 Phone	(907)563-00L	City, State ZIP:	<b></b>	
Email: south@bristol zompanion.comfax	563-6713	Email:	Phone:	
Project Name: Bond & Bond			Fax:	
	+ 1=1-1-	ANALYSIS	REQUEST	TAT
Project Number: 48015				Routine
P.O. Number:	-	Org		Rush - Prelim
Sampler's Name: Matt Faust	Patille 0	Mercury (7471A / 7470 / 245.1  Metals (See Below PCB's (8082)  Organochlorine Pesticides (608 / 8081)  Semi-Volatile Organics (625 / 8270)		Rush - Final
SAMPLE RECEIPT	orgi	Men hlori		Due Date:
Temperature (°C): Temp Blank Present	Organics			11/21
Received Intact: (es No N/A Vet Loc/ Blue Ice	SDWA Volatiles (524.2)  PAH (8310) ics GCMS (624 / 8260B) ics GCMS (624 / 8260B) No. of Containers	y (7471A / 7470 / 245.1  Metals (See Below PCB's (8082)  Pesticides (608 / 8081)  Porganics (625 / 8270)		Volatiles
Cooler Custody Seals: Yes No N/A Total Containers: Sample Custody Seals: Yes No N/A	Vola AS (6	tals des		Encores
	PAH 24 / / / 2015/	7470 \$ (See PCB's \$ (608		Methanol Kits
Sample Identification Matrix Date Time Lab ID	PAH (8310)  (624 / 8260B)  (1 (8015AZR.1)  (3 Containers	471A / 7470 / 245.1 Metals (See Below) PCB's (8082) ticides (608 / 8081) ganics (625 / 8270)		
B-18-W W 11/17 1130 1		9 3 2 8 3		Comments
B-19-W   1215 2	2 ×			
B-19-W 1215 2 B-20-W V 1315 3	22			
Metals to be analyzed as: Total TCLP	Dissolved	Method:	6010B 6020 200.7	200.0
Circle metals to be analyzed: 8RCRA 13PPM AI Sb A		Cr Co Cu Fe Pb	Mg Mn Mo Ni K Se Ad Na	200.8 TI Sp. V. Zp. Ha
Relinquished by: (Signature) (Print Name)		ed by: (Signature)		
Mott Faust	1 KOGGIV	o by, (orginature)	(Print Name)	Date/Time
The state of the s	•		La all I Lo	the second of the second
1 Tedex		A 1	ted by	11/18/00 0945



January 07, 2009

Scott Ruth Bristol Environmental & Engineering 111 W. 16th Ave., Ste 301 Anchorage, AK 99501-1116

RE: Bond & Bond/3917783

Work Order No.:

08120130

Dear Scott,

Columbia Analytical Services, Inc. received 17 samples on 12/09/08. The results of the analyses are presented in the following report.

The Case Narrative of this report addresses any Quality Control and/or Quality Assurance issues associated with this Work Order

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. The test results meet requirements of the current NELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAPaccredited analytes, refer to the certifications section at www.caslab.com.

If you have any questions regarding these test results, please feel free to call us at (602) 437-0330.

Sincerely,

Mardia A. Smith

Project Manager

ADHS License No. AZ0133/AZ0667/AZM133



Client: Bristol Environmental & Engineering

Work Order: 08120130
Project Name: Bond & Bond

Project Number: 3917783

Date Printed: 07-Jan-09

Case Narrative

Samples were received intact and within proper temperature criteria.

Results are reported on a wet weight basis unless dry-correction is denoted in the units field on the analytical report ("mg/kg-dry").

All method blanks, laboratory spikes, and/or matrix spikes met quality control objectives for the parameters associated with this Work Order except as detailed below or on the Data Qualifier page of this report. Data Qualifiers used in this report are in accordance with ADEQ Arizona Data Qualifiers, Revision 3.0 9/20/2007.

Data qualifiers ("flags") contained within this analytical report have been issued to explain a quality control deficiency, and do not affect the quality (validity) of the data unless noted otherwise in the case narrative.

Analytical Comments for Method SW8015D: S10: Sample 08120130-15, Batch FUELS3_081215A: Surrogate recovery was above laboratory acceptance criteria due to matrix interference.

Analytical Comments for Method SW8015D: N1: Matrix Spike Duplicate 08120130-05, Batch FUELS3_081211A: The surrogate recovery in the MSD is outside of acceptance limits. All other QC and associated samples have acceptable surrogate recovery.



License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Case Narrative

**Data Qualifiers** 

Project Name:

Bond & Bond

Project Number: 3917783

Work Order:

08120130

Date Received:

09-Dec-08

One or more of the following data qualifiers may be associated with your analytical and/or quality control data.

DI Sample required dilution due to matrix.

Sample required dilution due to high concentration of target analyte. D2

Concentration estimated. Analyte was detected below laboratory minimum reporting limit (MRL). E4

M1Matrix spike recovery was high, the associated blank spike recovery was acceptable.

NI See case narrative.

R2 RPD/RSD exceeded the laboratory acceptance limit.

S10 Surrogate recovery was above laboratory and method acceptance limits. See Case Narrative.

T5 Laboratory not licensed for this parameter.



License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Project Name:

Bond & Bond

Project Number: 3917783 Work Order:

08120130

## Work Order Sample Summary

Client Sample ID	Lab Sample ID	Test Code	<b>Collection Date</b>	Date Received
MW-4	08120130-01A	SW8015D	12/05/08 11:15 AM	12/09/08 09:40 AM
	08120130-01B	8015B	12/05/08 11:15 AM	12/09/08 09:40 AM
	08120130-01C	SW8260B	12/05/08 11:15 AM	12/09/08 09:40 AM
	08120130-01D	EPA8011	12/05/08 11:15 AM	12/09/08 09:40 AM
MW-6	08120130-02A	SW8015D	12/05/08 09:33 AM	12/09/08 09:40 AM
	08120130-02B	8015B	12/05/08 09:33 AM	12/09/08 09:40 AM
	08120130-02C	SW8260B	12/05/08 09:33 AM	12/09/08 09:40 AM
	08120130-02D	EPA8011	12/05/08 09:33 AM	12/09/08 09:40 AM
MW-7	08120130-03A	SW8015D	12/05/08 11:00 AM	12/09/08 09:40 AM
	08120130-03B	8015B	12/05/08 11:00 AM	12/09/08 09:40 AM
	08120130-03C	SW8260B	12/05/08 11:00 AM	12/09/08 09:40 AM
	08120130-03D	EPA8011	12/05/08 11:00 AM	12/09/08 09:40 AM
MW-8	08120130-04A	SW8015D	12/05/08 12:15 PM	12/09/08 09:40 AM
	08120130-04B	8015B	12/05/08 12:15 PM	12/09/08 09:40 AM
	08120130-04C	SW8260B	12/05/08 12:15 PM	12/09/08 09:40 AM
	08120130-04D	EPA8011	12/05/08 12:15 PM	12/09/08 09:40 AM
MW-9	08120130-05A	SW8015D	12/05/08 10:20 AM	12/09/08 09:40 AM
	08120130-05B	8015B	12/05/08 10:20 AM	12/09/08 09:40 AM
	08120130-05C	SW8260B	12/05/08 10:20 AM	12/09/08 09:40 AM
	08120130-05D	EPA8011	12/05/08 10:20 AM	12/09/08 09:40 AM
MW-10	08120130-06A	SW8015D	12/05/08 09:55 AM	12/09/08 09:40 AM
	08120130-06B	8015B	12/05/08 09:55 AM	12/09/08 09:40 AM
	08120130-06C	SW8260B	12/05/08 09:55 AM	12/09/08 09:40 AM
	08120130-06D	EPA8011	12/05/08 09:55 AM	12/09/08 09:40 AM
MW-11	08120130-07A	SW8015D	12/05/08 12:52 PM	12/09/08 09:40 AM
	08120130-07B	8015B	12/05/08 12:52 PM	12/09/08 09:40 AM
	08120130-07C	SW8260B	12/05/08 12:52 PM	12/09/08 09:40 AM
	08120130-07D	EPA8011	12/05/08 12:52 PM	12/09/08 09:40 AM
MW-12	08120130-08A	SW8015D	12/05/08 11:40 AM	12/09/08 09:40 AM
	08120130-08B	8015B	12/05/08 11:40 AM	12/09/08 09:40 AM
•	08120130-08C	SW8260B	12/05/08 11:40 AM	12/09/08 09:40 AM
	08120130-08D	EPA8011	12/05/08 11:40 AM	
MW-13	08120130-09A	SW8015D	12/05/08 12:40 PM	12/09/08 09:40 AM
	08120130-09B	8015B	12/05/08 12:40 PM	12/09/08 09:40 AM

CLIENT:

Bristol Environmental & Engineering

Project Name:

Bond & Bond

Project Number: 3917783 Work Order:

08120130

## Work Order Sample Summary

Client Sample ID	Lab Sample ID	Test Code	Collection Date	Date Received
MW-13	08120130-09C	SW8260B	12/05/08 12:40 PM	12/09/08 09:40 AM
	08120130-09D	EPA8011	12/05/08 12:40 PM	12/09/08 09:40 AM
MW-14	08120130-10A	SW8015D	12/05/08 01:45 PM	12/09/08 09:40 AM
	08120130-10B	8015B	12/05/08 01:45 PM	12/09/08 09:40 AM
	08120130-10C	SW8260B	12/05/08 01:45 PM	12/09/08 09:40 AM
	08120130-10D	EPA8011	12/05/08 01:45 PM	12/09/08 09:40 AM
MW-15	08120130-11A	SW8015D	12/05/08 02:10 PM	12/09/08 09:40 AM
	08120130-11B	8015B	12/05/08 02:10 PM	12/09/08 09:40 AM
	08120130-11C	SW8260B	12/05/08 02:10 PM	12/09/08 09:40 AM
	08120130-11D	EPA8011	12/05/08 02:10 PM	12/09/08 09:40 AM
MW-16	08120130-12A	SW8015D	12/05/08 02:27 PM	12/09/08 09:40 AM
	08120130-12B	8015B	12/05/08 02:27 PM	12/09/08 09:40 AM
	08120130-12C	SW8260B	12/05/08 02:27 PM	12/09/08 09:40 AM
	08120130-12D	EPA8011	12/05/08 04:27 PM	12/09/08 09:40 AM
MW-17	08120130-13A	SW8015D	12/05/08 01:25 PM	12/09/08 09:40 AM
	08120130-13B	8015B	12/05/08 01:25 PM	12/09/08 09:40 AM
	08120130-13C	SW8260B	12/05/08 01:25 PM	12/09/08 09:40 AM
	08120130-13D	EPA8011	12/05/08 01:25 PM	12/09/08 09:40 AM
MW-18	08120130-14A	SW8015D	12/05/08 02:40 PM	12/09/08 09:40 AM
	08120130-14B	8015B	12/05/08 02:40 PM	12/09/08 09:40 AM
	08120130-14C	SW8260B	12/05/08 02:40 PM	12/09/08 09:40 AM
	08120130-14D	EPA8011	12/05/08 02:40 PM	12/09/08 09:40 AM
MW-21	08120130-15A	SW8015D	12/05/08 10:03 AM	12/09/08 09:40 AM
	08120130-15B	8015B	12/05/08 10:03 AM	12/09/08 09:40 AM
	08120130-15C	SW8260B	12/05/08 10:03 AM	12/09/08 09:40 AM
	08120130-15D	EPA8011	12/05/08 10:03 AM	12/09/08 09:40 AM
MW-22	08120130-16A	SW8015D	12/05/08 01:55 PM	12/09/08 09:40 AM
	08120130-16B	8015B	12/05/08 01:55 PM	12/09/08 09:40 AM
	08120130-16C	SW8260B	12/05/08 01:55 PM	12/09/08 09:40 AM
	08120130-16D	EPA8011	12/05/08 01:55 PM	12/09/08 09:40 AM
Trip Blank	08120130-17A	SW8260B	12/05/08 09:33 AM	12/09/08 09:40 AM
	08120130-17B	EPA8011	12/05/08 09:33 AM	12/09/08 09:40 AM



**Definitions** 

License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Project Name:

Bond & Bond

Project Number: 3917783

Work Order: Date Received: 08120130 09-Dec-08

Analytical Spike (AS)

The AS is a known amount of a target analyte added to a sample after it has been

distilled, digested, or extracted and is ready for analysis. The AS is generally performed if the MS has failed. It is used to indicate interference that arises from sample

distillation, digestion, or extraction as opposed to interference that is innate to the matrix.

Continuing Curve Verification (CCV) The CCV is also referred to as a curve check. This is a standard analyzed at specified intervals during an analysis. The CCV verifies the stability and accuracy of the

calibration curve. There are specific CCV recovery acceptance criteria for each method.

The DF is an indication of how much a sample had to be diluted in order to quantitate it Dilution Factor (DF)

on a standard curve. The DF is indicated in the reported sample result. The sample PQL

increases as the dilution increases.

The IS is a compound that is similar to the organic compound of interest in terms of Internal Standard (IS)

chemical composition but is unique in that it is rare in the environment. The same

concentration of IS is added to every sample for some organic methods.

Laboratory Control Sample (LCS)

The LCS is also referred to as a blank spike. The LCS is an addition of a known amount of a target analyte (from the same source as calibration standards or spikes) to an aliquot of deionized water or other appropriate clean matrix. The LCS is processed through the

entire method procedure in the same manner as samples.

Matrix Spike (MS) The MS is a known amount of a target analyte added to a sample. The MS is processed

through the entire method procedure in the same manner as samples.

Method Blank (MB) The MB is an aliquot of deionized water or other appropriate clean matrix that is thought

to be free of the analyte in question. The MB is processed through the entire extraction

or analysis procedure and is used to indicate contamination in the lab.

Method Detection

Limit (MDL)

Practical Quantitation

The MDL is the lowest level of detection of which a method is capable.

The PQL is the lowest value at which Columbia Analytical Services can detect an analyte in matrix with a high degree of confidence. The PQL will increase as the DF

increases. The PQL is greater than or equal to the MDL.

Relative Percent Difference (RPD)

Limit (PQL)

The RPD is a measure of precision (the ability to obtain the same result on re-analysis of the same sample). It is calculated using the result of a sample, MS, LCS, or LCSV and

its associated duplicate result.

Secondary Source OC Sample (LCSV)

The LCSV is also referred to as a second source laboratory control sample. It is the same type of standard as a calibration or spiking standard but is obtained from a different source. The LCSV is an indication of the primary standard quality, method performance,

and instrument performance.

Surrogate A surrogate compound is similar to the organic compound of interest in terms of

chemical composition but is unique in that it is rare in the environment. When surrogates are used, they are added to every sample, blank and standard. Surrogate

recovery is used as an indication of extraction and/or analytical success.

The TB is a portion of deionized water preserved in the same manner as the samples. Trip Blank (TB)

The TB travels from the lab, to the field, and then back to the lab with the samples from the field. The TB serves as an indication of contamination introduced during sample

transportation.



References

License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

**Project Name:** 

Bond & Bond

**Project Number:** 

3917783

Work Order:

08120130

Date Received:

09-Dec-08

Columbia Analytical Services, Inc. uses the methods outlined in the following references:

Code of Federal Regulations, 40CFR, Part 136, Appendix A, July 2005.

Standard Methods for the Examination of Water and Wastewater, 20th Edition, 1998.

Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, Revised March 1983.

Methods for the Determination of Inorganic Substances in Environmental Samples, EPA/600/R-93/100, Revised August 1993.

Methods for the Determination of Metals in Environmental Samples, Supplement 1: EPA/600/R-94/111, Revised May 1994.

Methods for the Determination of Organic Compounds in Drinking Water, EPA/600/4-88/039, Revised July, 1991; EPA-600/4-90/020, Supplement I, July 1990; EPA-600/R-92/129; Supplement II, August 1992; EPA-600/R-95/131, Supplement III, August 1995.

Hach, Water Analysis Handbook, 3rd Edition, 1997.

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition, 1986 including Update I, July 1992; Update IIA, August 1993; Update II; September 1994; Update IIB, January 1995; Update III, December 1996. Update IIIA, June 1999; and Update IIIB July 2005.

Bureau of Laboratory Services, State of Arizona Department of Health Services Method 8015AZ.R1, September 1998. (Comment: C6-C10 GRO reported by this method is not to be used in compliance situations)

ASTM MethodD4982, Annual Book of ASTM Standards, Volumes 11.01 and 11.02, 1995

The Determination of Polychlorinated Biphenyls in Transformer Fluid and Waste Oils, EPA-600 4-81-045, September 1982.

EPA Method 9013A, Cyanide Extraction Procedure for Solids and Oils. (Rev, 1 November 2004)

EPA Method 5035A, Closed-System Purge-and-Trap and Extraction for Volatile Organics in Soil and Waste Samples (draft rev. 1 July 2002)

EPA Method 5030C, Purge-and-Trap for Aqueous Samples (rev.3 May 2003)

Office of Ground Water and Drinking Water Technical Support Center, EPA 815-R-05-004, Manual for Certification of Drinking Water, (5th Edition January 2005)



License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08120130

Lab ID:

08120130-01

**Project Name:** 

Bond & Bond

**Project Number: 3917783** 

Client Sample ID: MW-4

Collection Date: 12/5/2008 11:15:00 AM

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	A m.c.1	Dat-1- 17
				Omo	171	Code	riepaied	Anaryzed	Analyst	Batch ID
		PRE	P METHOD: S	SW3510C	- Trans		000140	A	Test Perfo	rmed By: AZ013:
C13-C22 DRO	<100	100	T5	µg/L	1.0	8015B	12/11/08	12/12/08 12:39	UP	2144
C23-C32 ORO	<100	100	T5	μg/L	1.0	8015B	12/11/08	12/12/08 12:39	UP	2144
o-Terphenyl(Surrogate)	89	42-127		%REC	1.0	8015B	12/11/08	12/12/08 12:39	UP	2144
		PR	EP METHOD:	NONE	11/000	- Process	~~~~		Test Perfo	rmed By: AZ0133
1,2-Dibromoethane (EDB)	<0.0096	0.0096		μg/L	0.96	EPA8011	12/15/08	12/17/08 0:52	DW	2173
1,2-Dibromo-3-chloropropane (DBCP)	<0.0096	0.0096		µg/L	0.96	EPA8011	12/15/08	12/17/08 0:52	DW	2173
		PREI	METHOD: 5	W5030B					Test Perfo	rmed By: AZ0133
Acetone	<20	20		μg/L	1.0	SW8260B	N/A	12/10/08 16:44	NMM	E081210A
Benzene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 16:44	NMM	E081210A
Bromobenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/10/08 16:44	NMM	E081210A
Bromochloromethane	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 16:44	NMM	E081210A
Bromodichloromethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 16:44	NMM	E081210A
Bromoform	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 16:44	NMM	E081210A
Bromomethane	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 16:44	NMM	E081210A
2-Butanone	<5.0	5.0		µg/∟	1.0	SW8260B	N/A	12/10/08 16:44	NMM	E081210A
n-Butylbenzene	<2.5	2.5		hg/L	1.0	SW8260B	N/A	12/10/08 16:44	NMM	E081210A
sec-Butylbenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/10/08 16:44	NMM	E081210A
ert-Butylbenzene	<2.5	2.5		μg/L	1.0	SW8260B	N/A	12/10/08 16:44	NMM	E081210A
Carbon disulfide	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 16:44	NMM	E081210A
Carbon tetrachloride	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 16:44	NMM	E081210A
Chlorobenzene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 16:44	NMM	E081210A
Dibromochloromethane .	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 16:44	NMM	E081210A
Chloroethane	<4.0	4.0		μg/L	1.0	SW8260B	N/A	12/10/08 16:44	NMM	E081210A
Chloroform	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 16:44	NMM	E081210A
Chloromethane	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 16:44	NMM	E081210A
2-Chlorotoluene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/10/08 16:44	NMM	E081210A
1-Chlorotoluene	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 16:44	NMM	E081210A
,2-Dibromo-3-chloropropane	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 16:44	NMM	E081210A
,2-Dibromoethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 16:44	NMM	E081210A
Dibromomethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 16:44	NMM	E081210A
,2-Dichlorobenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/10/08 16:44	NMM	E081210A
,3-Dichlorobenzene	<1.5	1.5		µg/Ľ	1.0	SW8260B	N/A		NMM	E081210A
,4-Dichlorobenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A		NMM	E081210A
Dichlorodifluoromethane	<2.0	2.0		µg/L	1.0	SW8260B	N/A		NMM	E081210A
,1-Dichloroethane	<1.0	1.0		µg/L	1.0	SW8260B	N/A		NMM	E081210A E081210A
,2-Dichloroethane	<1.0	1.0		µg/L	1.0	SW8260B			NMM	E081210A
,1-Dichloroethene	<0.50	0.50		µg/L	1.0	SW8260B				E081210A
is-1,2-Dichloroethene	<0.50	0.50		µg/L	1.0	SW8260B			NMM NMM	E081210A



License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08120130

Lab ID:

08120130-01

Project Name:

Bond & Bond

Project Number: 3917783

Client Sample ID: MW-4

Collection Date: 12/5/2008 11:15:00 AM

Amalarta	Dogwis	DOL	01	Y Y . t	DD	Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
trans-1,2-Dichloroethene	<0.50			µg/L	1.0	SW8260B	N/A	12/10/08 16:44	NMM	E081210A
1,2-Dichloropropane	<0.50			μg/L	1.0	SW8260B	N/A	12/10/08 16:44	NMM	E081210A
1,3-Dichloropropane	<1.0	-		μg/L	1.0	SW8260B	N/A	12/10/08 16:44	NMM	E081210A
2,2-Dichloropropane	<0.50			μg/L	1.0	SW8260B	N/A	12/10/08 16:44	NMM	E081210A
1,1-Dichloropropene	<1.0			µg/L	1.0	SW8260B	N/A	12/10/08 16:44	NMM	E081210A
cis-1,3-Dichloropropene	<1.0	-		μg/L	1.0	SW8260B	N/A	12/10/08 16:44	NMM	E081210A
trans-1,3-Dichloropropene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 16:44	NMM	E081210A
Ethylbenzene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/10/08 16:44	NMM	E081210A
Hexachlorobutadiene	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/10/08 16:44	NMM	E081210A
2-Hexanone	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 16:44	NMM	E081210A
lodomethane	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 16:44	NMM	E081210A
Isopropylbenzene	<2.5	2.5		μg/L	1.0	SW8260B	N/A	12/10/08 16:44	NMM	E081210A
4-Isopropyltoluene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/10/08 16:44	NMM	E081210A
Methylene chloride	<3.0	3.0		µg/L	1.0	SW8260B	N/A	12/10/08 16:44	NMM	E081210A
4-Methyl-2-pentanone	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 16:44	NMM	E081210A
Methyl tert-butyl ether	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 16:44	NMM	E081210A
Naphthalene	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/10/08 16:44	NMM	E081210A
n-Propylbenzene	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 16:44	NMM	E081210A
Styrene	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 16:44	NMM	E081210A
1,1,1,2-Tetrachioroethane	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 16:44	NMM	E081210A
1,1,2,2-Tetrachloroethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 16:44	NMM	E081210A
Tetrachloroethene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 16:44	NMM	E081210A
Toluene	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 16:44	NMM	E081210A
1,2,3-Trichlorobenzene	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/10/08 16:44	NMM	E081210A
1,2,4-Trichlorobenzene	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/10/08 16:44	NMM	E081210A
1,1,1-Trichloroethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 16:44	NMM	E081210A
1,1,2-Trichloroethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 16:44	NMM	E081210A
Trichloroethene	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 16:44	NMM	E081210A
Trichlorofluoromethane	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 16:44	NMM	E081210A
1,2,3-Trichloropropane	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 16:44	NMM	E081210A
1,2,4-Trimethylbenzene	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 16:44		E081210A E081210A
1,3,5-Trimethylbenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/10/08 16:44	NMM	
Vinyl acetate	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/10/08 16:44	NMM	E081210A
/inyl chloride	<0.50	0.50		hã∖r hã∖r	1.0	SW8260B	N/A	12/10/08 16:44	NMM	E081210A
Kylenes, Total	<3.0	3.0				SW8260B	N/A		NMM	E081210A
I-Bromofluorobenzene(Surrogate)		57-130		µg/L %REC	1.0 1.0	SW8260B	N/A	12/10/08 16:44 12/10/08 16:44	NMM	E081210A
Dibromofluoromethane(Surrogate)		51-129		%REC	1.0	SW8260B			NMM	E081210A
I,2-Dichloroethane-d4(Surrogate)		44-137		%REC	1.0	SW8260B	N/A N/A		NMM	E081210A
Foluene-d8(Surrogate)		58-130		%REC	1.0	SW8260B			NMM NMM	E081210A E081210A
		PREP	METHOD:	SW5030B			Paralli		Test Perfo	ormed By: AZ0133
Bromofluorobenzene(Surrogate)	80	70-130		%REC	1.0	SW8015D	N/A	12/11/08 20:15	ZDP F	JÉLS3_081211A



License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08120130

Lab ID:

08120130-02

**Project Name:** 

Bond & Bond

Project Number: 3917783

Client Sample ID: MW-6

Collection Date: 12/5/2008 9:33:00 AM

						Test	Date	Date		545
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
		PRE	P METHOD:	SW3510C					Test Perfo	rmed By: AZ0133
C13-C22 DRO	<100	100	T5	μg/L	1.0	8015B	12/11/08	12/12/08 13:23	UP	2144
C23-C32 ORO	<100	100	T5	μg/L	1.0	8015B	12/11/08	12/12/08 13:23	UP	2144
o-Terphenyl(Surrogate)	84	42-127		%REC	1.0	8015B	12/11/08	12/12/08 13:23	UP	2144
		PR	EP METHOD	: NONE				71/14/1-	Test Perfo	rmed By: AZ0133
1,2-Dibromoethane (EDB)	<0.0095	0.0095		μg/L	0.95	EPA8011	12/15/08	12/17/08 1:19	DW	2173
1,2-Dibromo-3-chloropropane (DBCP)	<0.0095	0.0095		µg/L	0.95	EPA8011	12/15/08	12/17/08 1:19	DW	2173
P4000000		PREI	METHOD:	SW5030B					Test Perfo	rmed By: AZ0133
Acetone	<20	20		µg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
Benzene	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
Bromobenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
Bromochloromethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
Bromodichloromethane	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
Bromoform	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
Bromomethane	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
2-Butanone	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
n-Butylbenzene	<2.5	2.5		µg/L	1.0	SW8260B	. N/A	12/10/08 17:07	NMM	E081210A
sec-Butylbenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
tert-Butylbenzene	<2.5	2.5		µg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
Carbon disulfide	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
Carbon tetrachloride	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
Chlorobenzene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
Dibromochloromethane	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
Chloroethane	<4.0	4.0		µg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
Chloroform	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
Chloromethane	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
2-Chlorotoluene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
4-Chlorotoluene	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
1,2-Dibromo-3-chloropropane	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
1,2-Dibromoethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
Dibromomethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
1,2-Dichlorobenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
1,3-Dichlorobenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
1,4-Dichlorobenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
Dichlorodifluoromethane	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
1,1-Dichloroethane	<1.0	1.0		µg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
1,2-Dichloroethane	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
1,1-Dichloroethene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
cis-1,2-Dichloroethene	<0.50	0.50		μg/L	1.0	SW8260B	N/A		NMM	E081210A



License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08120130

Lab ID:

08120130-02

Project Name:

Bond & Bond

**Project Number: 3917783** 

Client Sample ID: MW-6

_____

**Collection Date:** 12/5/2008 9:33:00 AM

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
trans-1,2-Dichloroethene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
1,2-Dichloropropane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
1,3-Dichloropropane	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
2,2-Dichloropropane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
1,1-Dichloropropene	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
cis-1,3-Dichloropropene	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
trans-1,3-Dichloropropene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
Ethylbenzene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
Hexachlorobutadiene	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
2-Hexanone	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
łodomethane	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
Isopropylbenzene	<2.5	2.5		μg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
4-isopropyltoluene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
Methylene chloride	<3.0	3.0		μg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
4-Methyl-2-pentanone	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
Methyl tert-butyl ether	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
Naphthalene	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
n-Propylbenzene	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
Styrene	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
1,1,1,2-Tetrachioroethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
1,1,2,2-Tetrachloroethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
Tetrachloroethene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
Toluene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
1,2,3-Trichlorobenzene	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
1,2,4-Trichlorobenzene	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
1,1,1-Trichloroethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
1,1,2-Trichloroethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
Trichloroethene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
Trichlorofluoromethane	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
1,2,3-Trichloropropane	<1.0	1.0		µg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
1,2,4-Trimethylbenzene	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
1,3,5-Trimethylbenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
Vinyl acetate	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
Vinyl chloride	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
Xylenes, Total	<3.0	3.0		μg/L	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
4-Bromofluorobenzene(Surrogate)	95	57-130		%REC	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
Dibromofluoromethane(Surrogate)	93	51-129		%REC	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
1,2-Dichloroethane-d4(Surrogate)		44-137		%REC	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
Toluene-d8(Surrogate)	100	58-130		%REC	1.0	SW8260B	N/A	12/10/08 17:07	NMM	E081210A
		PRE	P METHOD:	SW5030B	——————————————————————————————————————				Test Perf	ormed By: AZ0133
Bromofluorobenzene(Surrogate)	85	70-130		%REC	1.0	SW8015D	N/A	12/11/08 20:50	ZDP F	UELS3_081211A
C6-C10 GRO	<200	200	T5	μg/L	1.0	SW8015D	N/A	12/11/08 20:50		UELS3_081211A



License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order: Lab ID:

08120130

08120130-03

Project Name:

Bond & Bond

Project Number: 3917783

Client Sample ID: MW-7

Collection Date: 12/5/2008 11:00:00 AM

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Batch ID
		PRI	EP METHOD:	SW3510C		7933		~~	Test Perfo	rmed By: AZ0133
C13-C22 DRO	<100	100	T5	μg/L	1.0	8015B	12/11/08	12/12/08 14:06	UP	2144
C23-C32 ORO	<100	100	T5	μg/L	1.0	8015B	12/11/08	12/12/08 14:06	UP	2144
o-Terphenyl(Surrogate)	92	42-127		%REC	1.0	8015B	12/11/08	12/12/08 14:06	UP	2144
		P	REP METHOD	: NONE		****		**************************************	Test Perfo	rmed By: AZ0133
1,2-Dibromoethane (EDB)	<0.0096	0.0096		µg/L	0.96	EPA8011	12/15/08	12/17/08 1:47	DW	2173
1,2-Dibromo-3-chloropropane (DBCP)	<0.0096	0.0096		μg/L	0.96	EPA8011	12/15/08	12/17/08 1:47	DW	2173
	77-110.00001	PRI	P METHOD:	SW5030B					Test Perfo	rmed By: AZ0133
Acetone	<20	20		μg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
Benzene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
Bromobenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
Bromochloromethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
Bromodichloromethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
Bromoform	<1.0	1.0		µg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
Bromomethane	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
2-Butanone	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
n-Butylbenzene	<2.5	2.5		µg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
sec-Butylbenzene	1.6	1.5		µg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
tert-Butylbenzene	<2.5	2.5		µg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
Carbon disulfide	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
Carbon tetrachloride	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
Chlorobenzene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
Dibromochioromethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
Chloroethane	<4.0	4.0		μg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
Chloroform	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
Chloromethane	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
2-Chlorotoluene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
4-Chlorotoluene	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
1,2-Dibromo-3-chloropropane	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
1,2-Dibromoethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
Dibromomethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
1,2-Dichlorobenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
1,3-Dichlorobenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
I,4-Dichlorobenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
Dichlorodifluoromethane	<2.0	2.0		µg/L	1.0	SW8260B	N/A		NMM	E081210A
1,1-Dichloroethane	<1.0	1.0		µg/L	1.0	SW8260B	N/A		NMM	E081210A
1,2-Dichloroethane	<1,0	1.0		µg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM [*]	E081210A
1,1-Dichloroethene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
sis-1,2-Dichloroethene	<0.50	0.50		µg/L	1.0	SW8260B		12/10/08 17:29	NMM	E081210A



License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08120130

Lab ID:

08120130-03

Project Name:

Bond & Bond

**Project Number: 3917783** 

Client Sample ID: MW-7

Collection Date: 12/5/2008 11:00:00 AM

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analys	Batch ID
trans-1,2-Dichloroethene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
1,2-Dichloropropane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
1,3-Dichloropropane	<1.0	1.0		µg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
2,2-Dichloropropane	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
1,1-Dichloropropene	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
cis-1,3-Dichloropropene	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
trans-1,3-Dichloropropene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
Ethylbenzene	21	2.0		µg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
Hexachlorobutadiene	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
2-Hexanone	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
lodomethane	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
Isopropylbenzene	4.1	2.5		μg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
4-Isopropyltoluene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
Methylene chloride	<3.0	3.0		µg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
4-Methyl-2-pentanone	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
Methyl tert-butyl ether	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
Naphthalene	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
n-Propylbenzene	7.4	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
Styrene	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
1,1,1,2-Tetrachloroethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
1,1,2,2-Tetrachloroethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
Tetrachloroethene	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
Toluene	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
1,2,3-Trichlorobenzene	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
1,2,4-Trichlorobenzene	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
1,1,1-Trichloroethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
1,1,2-Trichloroethane	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
Trichloroethene	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
Trichlorofluoromethane	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
1,2,3-Trichloropropane	<1.0	1.0		µg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
1,2,4-Trimethylbenzene	17	2.0		µg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
1,3,5-Trimethylbenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
Vinyl acetate	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
Vinyl chloride	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
Xylenes, Total	<3.0	3.0		µg/L	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
4-Bromofluorobenzene(Surrogate)	95	57-130		%REC	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
Dibromofluoromethane(Surrogate)	92	51-129		%REC	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
1,2-Dichloroethane-d4(Surrogate)	84	44-137		%REC	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
Toluene-d8(Surrogate)	102	58-130		%REC	1.0	SW8260B	N/A	12/10/08 17:29	NMM	E081210A
	· · · · · · · · · · · · · · · · · · ·	PREI	METHOD:	SW5030B					Test Peri	ormed By: AZ0133
Bromofluorobenzene(Surrogate)	101	70-130		%REC	1.0	SW8015D	N/A	12/11/08 21:24	ZDP F	UELS3_081211A
C6-C10 GRO	280	200	T5	µg/L	1.0	SW8015D	N/A	12/11/08 21:24		UELS3_081211A



License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08120130

Lab ID:

08120130-04

**Project Name:** 

Bond & Bond

Project Number: 3917783

Client Sample ID: MW-8

Collection Date: 12/5/2008 12:15:00 PM

C13-C22 DRO   S300   100   T5   Hg/L   1.0   887-56   121108   121208   1449   UP   2144   C23-C32 CRO   C110   100   75   Hg/L   1.0   801-59   121108   121208   1449   UP   2144   UP   2144   C23-C32 CRO   C110   100   75   Hg/L   1.0   801-59   121108   121208   1449   UP   2144   UP   2145   UP   2144   UP   2144   UP   2145   UP   2144   UP   2145   UP   2144   UP   2145   UP   2144   UP   2145   UP   21	Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date	A nolvat	Patah ID
C1-C2 C2 CRO         5300         100         75         µg/L         1.0         80198         121108         1211288 14-88         µg/L         2144           C23-C32 CRO         100         100         100         75         µg/L         1.0         80198         121108         121108 14-48         µg/L         2144           Free Methods         1872 Week         1.0         80198         121108         121108 12-48         µg/L         2144         2140         2144           Free Methods         1872 Week         1872 Week         1872 Week         1872 Week         1872 Week         2173 Week				~~~~				Treparect	Amaryzea	Allaiyst	Daten II)
C23-G23 POC	•		PRE	P METHOD:	SW3510C					Test Perfo	rmed By: AZ0133
P-Terphenyi(Surrogale)  78 42-127 NRCC 1,0 S018 12H1/08 121028 1449 UP 21/44    Part   PREP METHOD: NONE   PREP METHOD: NONE		5300	100	T5	μg/L	1.0	8015B	12/11/08	12/12/08 14:49	UP	2144
1.2-Olitomorethane (EDB)		<100	100	T5	µg/L	1.0	8015B	12/11/08	12/12/08 14:49	UP ·	2144
1.2-Dibromoethane (EDB)	o-Terphenyl(Surrogate)	78	42-127		%REC	1.0	8015B	12/11/08	12/12/08 14:49	UP	2144
1.2 - Dibromo-3-chloropropane (DBCP)		1-27001	PR	EP METHOD	: NONE	100 m	····			Test Perfo	rmed By: AZ0133
1,2 Olibromo-3-chioropropane (DBCP)	1,2-Dibromoethane (EDB)	<0.0096	0.0096		μg/L	0.96	EPA8011	12/15/08	12/17/08 2:14	DW	2173
Acelone	1,2-Dibromo-3-chloropropane (DBCP)	<0.0096	0.0096			0.96	EPA8011	12/15/08	12/17/08 2:14		
Benzene		41.	PREI	METHOD:	SW5030B	7150000				Test Perfo	rmed By: AZ0133
Benzene         <0.50         0.50         µg/L         1.0         SW8260B         N/A         12/10/88 12/35         NMM         E081210A           Bromobenzene         <1.5	Acetone	<20	20		μg/L	1.0	SW8260B	N/A	12/10/08 12:36	NMM	E081210A
Bromochoromethane	Benzene	< 0.50	0.50			1.0	SW8260B	N/A	12/10/08 12:36		
Bromochiormethane	Bromobenzene	<1.5	1.5			1.0	SW8260B	N/A	12/10/08 12:36		E081210A
Bromodichloromethane	Bromochloromethane	<0.50	0.50			1.0	SW8260B	N/A		NMM	E081210A
Bromoform	Bromodichloromethane	<0.50	0.50			1.0	SW8260B	N/A	12/10/08 12:36	NMM	E081210A
Bromomethane	Bromoform	<1.0	1.0			1.0	SW8260B	N/A			
2-Butanone	Bromomethane	<5.0	5.0			1.0	SW8260B	N/A			
n-Butylbenzene	2-Butanone	<5.0	5.0			1.0	SW8260B	N/A			
sec-Butylbenzene         <1.5         1.5         µg/L         1.0         SW8260B         N/A         12/1008 12:36         NMM         E081210A           Letr-Butylbenzene         <2.5         2.5         µg/L         1.0         SW8260B         N/A         12/1008 12:36         NMM         E081210A           Carbon disulfide         <0.50         0.50         µg/L         1.0         SW8260B         N/A         12/1008 12:36         NMM         E081210A           Carbon tetrachloride         <0.50         0.50         µg/L         1.0         SW8260B         N/A         12/1008 12:36         NMM         E081210A           Chlorobarcene         <0.50         0.50         µg/L         1.0         SW8260B         N/A         12/1008 12:36         NMM         E081210A           Chlorobarcene         <0.50         0.50         µg/L         1.0         SW8260B         N/A         12/1008 12:36         NMM         E081210A           Chlorobarcene         <0.50         0.50         µg/L         1.0         SW8260B         N/A         12/1008 12:36         NMM         E081210A           Chlorobarchane         <0.50         0.50         µg/L         1.0         SW8260B         N/A         12/1008 12	n-Butylbenzene	<2.5	2.5			1.0	SW8260B	N/A	12/10/08 12:36	NMM	E081210A
tert-Butylbenzene         <2.5         2.5         µg/L         1.0         SW8260B         N/A         12/10/08 12:36         NMM         E081210A           Carbon disulfide         <0.50	sec-Butylbenzene	<1.5	1.5			1.0	SW8260B	N/A			
Carbon disulfide         <0.50         0.50         µg/L         1.0         SW8260B         N/A         12/10/08 12.36         NMM         E081210A           Carbon tetrachloride         <0.50	tert-Butylbenzene	<2.5	2.5			1.0	SW8260B	N/A	12/10/08 12:36	NMM	E081210A
Carbon tetrachloride         <0.50         0.50         µg/L         1.0         SW8260B         N/A         12/10/08 12:36         NMM         E081210A           Chlorobenzene         <0.50	Carbon disulfide	<0.50	0.50			1.0	SW8260B	N/A		NMM	E081210A
Chlorobenzene         <0.50         0.50         µg/L         1.0         SW8260B         N/A         12/10/08 12:36         NMM         E081210A           Dibromochloromethane         <0.50	Carbon tetrachloride	<0.50	0.50			1.0	SW8260B	N/A	12/10/08 12:36	NMM	E081210A
Dibromochloromethane         <0.50         0.50         µg/L         1.0         SW8260B         N/A         12/10/08 12:36         NMM         E081210A           Chloroethane         <4.0	Chlorobenzene	<0.50	0.50			1.0	SW8260B	N/A	12/10/08 12:36	NMM	E081210A
Chloroethane         <4.0         4.0         μg/L         1.0         SW8260B         N/A         12/10/08 12:36         NMM         E081210A           Chloroform         <0.50	Dibromochloromethane	<0.50	0.50			1.0	SW8260B	N/A		NMM	E081210A
Chloroform         <0.50         0.50         μg/L         1.0         SW8260B         N/A         12/10/08 12:36         NMM         E081210A           Chloromethane         <5.0	Chloroethane	<4.0	4.0			1.0	SW8260B	N/A	12/10/08 12:36	NMM	E081210A
Chloromethane         < 5.0         5.0         μg/L         1.0         SW8260B         N/A         12/10/08 12:36         NMM         E081210A           2-Chlorotoluene         < 1.5	Chloroform	<0.50	0.50			1.0	SW8260B	N/A	12/10/08 12:36	NMM	E081210A
2-Chlorotoluene <1.5 1.5 μg/L 1.0 SW8260B N/A 12/10/08 12:36 NMM E081210A 4-Chlorotoluene <2.0 2.0 μg/L 1.0 SW8260B N/A 12/10/08 12:36 NMM E081210A 1,2-Dibromo-3-chloropropane <2.0 2.0 μg/L 1.0 SW8260B N/A 12/10/08 12:36 NMM E081210A 1,2-Dibromoethane <0.50 0.50 μg/L 1.0 SW8260B N/A 12/10/08 12:36 NMM E081210A Dibromomethane <0.50 0.50 μg/L 1.0 SW8260B N/A 12/10/08 12:36 NMM E081210A 1,2-Dichlorobenzene <1.5 1.5 μg/L 1.0 SW8260B N/A 12/10/08 12:36 NMM E081210A 1,3-Dichlorobenzene <1.5 1.5 μg/L 1.0 SW8260B N/A 12/10/08 12:36 NMM E081210A 1,3-Dichlorobenzene <1.5 1.5 μg/L 1.0 SW8260B N/A 12/10/08 12:36 NMM E081210A 1,4-Dichlorobenzene <1.5 1.5 μg/L 1.0 SW8260B N/A 12/10/08 12:36 NMM E081210A 1,4-Dichlorobenzene <1.5 1.5 μg/L 1.0 SW8260B N/A 12/10/08 12:36 NMM E081210A 1,4-Dichlorodifluoromethane <2.0 2.0 μg/L 1.0 SW8260B N/A 12/10/08 12:36 NMM E081210A 1,1-Dichloroethane <1.0 1.0 μg/L 1.0 SW8260B N/A 12/10/08 12:36 NMM E081210A 1,1-Dichloroethane <1.0 1.0 μg/L 1.0 SW8260B N/A 12/10/08 12:36 NMM E081210A 1,1-Dichloroethane <1.0 1.0 μg/L 1.0 SW8260B N/A 12/10/08 12:36 NMM E081210A 1,1-Dichloroethane <1.0 1.0 μg/L 1.0 SW8260B N/A 12/10/08 12:36 NMM E081210A 1,1-Dichloroethane <1.0 1.0 μg/L 1.0 SW8260B N/A 12/10/08 12:36 NMM E081210A 1,1-Dichloroethane <1.0 1.0 μg/L 1.0 SW8260B N/A 12/10/08 12:36 NMM E081210A	Chloromethane	<5.0	5.0			1.0	SW8260B	N/A	12/10/08 12:36	NMM	E081210A
1,2-Dibromo-3-chloropropane	2-Chlorotoluene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/10/08 12:36	NMM	E081210A
1,2-Dibromoethane	4-Chlorotoluene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/10/08 12:36	NMM	E081210A
Dibromomethane   <0.50   0.50   μg/L   1.0   SW8260B   N/A   12/10/08 12:36   NMM   E081210A	1,2-Dibromo-3-chloropropane	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 12:36	NMM	E081210A
1,2-Dichlorobenzene	1,2-Dibromoethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 12:36	NMM	E081210A
1,3-Dichlorobenzene       <1.5	Dibromomethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 12:36	NMM	E081210A
1,3-Dichlorobenzene <1.5 1.5 μg/L 1.0 SW8260B N/A 12/10/08 12:36 NMM E081210A 1,4-Dichlorobenzene <1.5 1.5 μg/L 1.0 SW8260B N/A 12/10/08 12:36 NMM E081210A Dichlorodifluoromethane <2.0 2.0 μg/L 1.0 SW8260B N/A 12/10/08 12:36 NMM E081210A 1,1-Dichloroethane <1.0 1.0 μg/L 1.0 SW8260B N/A 12/10/08 12:36 NMM E081210A 1,2-Dichloroethane <1.0 1.0 μg/L 1.0 SW8260B N/A 12/10/08 12:36 NMM E081210A 1,2-Dichloroethane <1.0 1.0 μg/L 1.0 SW8260B N/A 12/10/08 12:36 NMM E081210A 1,1-Dichloroethane <0.50 0.50 μg/L 1.0 SW8260B N/A 12/10/08 12:36 NMM E081210A	1,2-Dichlorobenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/10/08 12:36	NMM	E081210A
1,4-Dichlorobenzene       <1.5	1,3-Dichlorobenzene	<1.5	1.5			1.0	SW8260B	N/A			
Dichlorodifluoromethane         <2.0         2.0         μg/L         1.0         SW8260B         N/A         12/10/08 12:36         NMM         E081210A           1,1-Dichloroethane         <1.0	1,4-Dichlorobenzene	<1.5	1.5			1.0	SW8260B	N/A	12/10/08 12:36		
1,1-Dichloroethane <1.0 1.0 µg/L 1.0 SW8260B N/A 12/10/08 12:36 NMM E081210A 1,2-Dichloroethane <1.0 1.0 µg/L 1.0 SW8260B N/A 12/10/08 12:36 NMM E081210A 1,1-Dichloroethene <0.50 0.50 µg/L 1.0 SW8260B N/A 12/10/08 12:36 NMM E081210A	Dichlorodifluoromethane	<2.0	2.0			1.0	SW8260B	N/A			
1,2-Dichloroethane <1.0 1.0 μg/L 1.0 SW8260B N/A 12/10/08 12:36 NMM E081210A 1,1-Dichloroethene <0.50 0.50 μg/L 1.0 SW8260B N/A 12/10/08 12:36 NMM E081210A	1,1-Dichloroethane	<1.0	1.0			1.0	SW8260B				
1,1-Dichloroethene <0.50 0.50 µg/L 1.0 SW8260B N/A 12/10/08 12:36 NMM E081210A	1,2-Dichloroethane	<1.0	1.0				SW8260B				
all d A Distriction of	1,1-Dichloroethene	< 0.50	0.50				SW8260B	N/A			
	cis-1,2-Dichloroethene	<0.50	0.50				SW8260B				



Collection Date: 12/5/2008 12:15:00 PM

Client Sample ID: MW-8

License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08120130

Lab ID:

08120130-04

**Project Name:** 

Bond & Bond

Project Number: 3917783

Matrix: Water

Analyte  trans-1,2-Dichloroethene 1,2-Dichloropropane 1,3-Dichloropropane 2,2-Dichloropropane 1,1-Dichloropropene cis-1,3-Dichloropropene trans-1,3-Dichloropropene Ethylbenzene Hexachlorobutadiene 2-Hexanone lodomethane Isopropylbenzene 4-Isopropyltoluene Methylene chloride 4-Methyl-2-pentanone Methyl tert-butyl ether Naphthalene n-Propylbenzene Styrene 1,1,1,2-Tetrachloroethane	Result <0.50 <0.50 <1.0 <0.50 <1.0 <0.50 <1.0 <1.0 <0.50 <2.0	PQL 0.50 0.50 1.0 0.50 1.0	Qual	Units  µg/L  µg/L  µg/L	1.0 1.0	Code SW8260B	Prepared N/A	Analyzed 12/10/08 12:36	Analyst NMM	Batch ID E081210A
1,2-Dichloropropane 1,3-Dichloropropane 2,2-Dichloropropane 1,1-Dichloropropene cis-1,3-Dichloropropene trans-1,3-Dichloropropene Ethylbenzene Hexachlorobutadiene 2-Hexanone lodomethane isopropylbenzene 4-isopropyltoluene Methyl-2-pentanone Methyl tert-butyl ether Naphthalene n-Propylbenzene Styrene	<0.50 <1.0 <0.50 <1.0 <1.0 <0.50	0.50 1.0 0.50 1.0		μg/L				12/10/08 12:36	NMM	EDD1010A
1,3-Dichloropropane 2,2-Dichloropropane 1,1-Dichloropropene cis-1,3-Dichloropropene Ethylbenzene Hexachlorobutadiene 2-Hexanone Idodomethane Isopropylbenzene Methyl-2-pentanone Methyl-2-pentanone Methyl tert-butyl ether Naphthalene n-Propylbenzene Styrene	<1.0 <0.50 <1.0 <1.0 <0.50	1.0 0.50 1.0			1.0	OWIOCOOD			,	EUGIZIUA
2,2-Dichloropropane 1,1-Dichloropropene cis-1,3-Dichloropropene Ethylbenzene Hexachlorobutadiene 2-Hexanone Iddomethane Isopropylbenzene 4-Isopropyltoluene Methyl-2-pentanone Methyl-tert-butyl ether Naphthalene n-Propylbenzene Styrene	<0.50 <1.0 <1.0 <0.50	0.50 1.0		µg/L		SW8260B	N/A	12/10/08 12:36	NMM	E081210A
1,1-Dichloropropene cis-1,3-Dichloropropene ttrans-1,3-Dichloropropene Ethylbenzene Hexachlorobutadiene 2-Hexanone lodomethane lsopropylbenzene 4-Isopropyltoluene Methyl-2-pentanone Methyl-tert-butyl ether Naphthalene n-Propylbenzene Styrene	<1.0 <1.0 <0.50	1.0			1.0	SW8260B	N/A	12/10/08 12:36	NMM	E081210A
cis-1,3-Dichloropropene trans-1,3-Dichloropropene Ethylbenzene Hexachlorobutadiene 2-Hexanone lodomethane lsopropylbenzene 4-Isopropyltoluene Methyl-ene chloride 4-Methyl-2-pentanone Methyl tert-butyl ether Naphthalene n-Propylbenzene Styrene	<1,0 <0.50			μg/L	1.0	SW8260B	N/A	12/10/08 12:36	NMM	E081210A
trans-1,3-Dichloropropene Ethylbenzene Hexachlorobutadiene 2-Hexanone lodomethane Isopropylbenzene 4-Isopropyltoluene Methylene chloride 4-Methyl-2-pentanone Methyl tert-butyl ether Naphthalene n-Propylbenzene Styrene	<0.50	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 12:36	NMM	E081210A
Ethylbenzene  Hexachlorobutadiene 2-Hexanone lodomethane lsopropylbenzene 4-Isopropyltoluene Methylene chloride 4-Methyl-2-pentanone Methyl tert-butyl ether Naphthalene n-Propylbenzene Styrene		1.0		µg/L	1.0	SW8260B	N/A	12/10/08 12:36	NMM	E081210A
Hexachlorobutadiene 2-Hexanone lodomethane lsopropylbenzene 4-Isopropyltoluene Methylene chloride 4-Methyl-2-pentanone Methyl tert-butyl ether Naphthalene n-Propylbenzene Styrene	<2.0	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 12:36	NMM	E081210A
2-Hexanone lodomethane lsopropylbenzene 4-Isopropyltoluene Methylene chloride 4-Methyl-2-pentanone Methyl tert-butyl ether Naphthalene n-Propylbenzene Styrene	~£.U	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 12:36	NMM	E081210A
iodomethane Isopropylbenzene 4-Isopropyltoluene Methylene chloride 4-Methyl-2-pentanone Methyl tert-butyl ether Naphthalene n-Propylbenzene Styrene	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 12:36	NMM	E081210A
Isopropylbenzene 4-Isopropyltoluene Methylene chloride 4-Methyl-2-pentanone Methyl tert-butyl ether Naphthalene n-Propylbenzene Styrene	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 12:36	NMM	E081210A
4-isopropyltoluene Methylene chioride 4-Methyl-2-pentanone Methyl tert-butyl ether Naphthalene n-Propylbenzene Styrene	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 12:36	NMM	E081210A
Methylene chloride 4-Methyl-2-pentanone Methyl tert-butyl ether Naphthalene n-Propylbenzene Styrene	<2.5	2.5		μg/L	1.0	SW8260B	N/A	12/10/08 12:36	NMM	E081210A
4-Methyl-2-pentanone Methyl tert-butyl ether Naphthalene n-Propylbenzene Styrene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/10/08 12:36	NMM	E081210A
Methyl tert-butyl ether Naphthalene n-Propylbenzene Styrene	<3.0	3.0		μg/L	1.0	SW8260B	N/A	12/10/08 12:36	NMM	E081210A
Naphthalene n-Propylbenzene Styrene	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 12:36	NMM	E081210A
n-Propylbenzene Styrene	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 12:36	NMM	E081210A
Styrene	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 12:36	NMM	E081210A
•	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 12:36	NMM	E081210A
1.1.1.0 Taireabless sibses	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 12:36	NMM	E081210A
t, t, t, z-retrachioroethane	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 12:36	NMM	E081210A
1,1,2,2-Tetrachloroethane	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 12:36	NMM	E081210A
Tetrachloroethene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 12:36	NMM	E081210A
Toluene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/10/08 12:36	NMM	E081210A
1,2,3-Trichlorobenzene	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 12:36	NMM	E081210A
1,2,4-Trichlorobenzene	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 12:36	NMM	E081210A
1,1,1-Trichloroethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 12:36	NMM	E081210A
1,1,2-Trichloroethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 12:36	NMM	E081210A
Trichloroethene	<0.50	0.50		μg/L	1.0	SW8260B	N/A		NMM	E081210A
Trichlorofluoromethane	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 12:36	NMM	E081210A
1,2,3-Trichloropropane	<1.0	1.0		µg/L	1.0	SW8260B	N/A	12/10/08 12:36	NMM	E081210A
1,2,4-Trimethylbenzene	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 12:36	NMM	E081210A
1,3,5-Trimethylbenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/10/08 12:36	NMM	E081210A
Vinyl acetate	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/10/08 12:36	NMM	E081210A
Vinyl chloride	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 12:36	NMM	E081210A
Xylenes, Total	<3.0	3.0		µg/L	1.0	SW8260B	N/A		NMM	E081210A
1-Bromofluorobenzene(Surrogate)		57-130		%REC	1.0	SW8260B	N/A		NMM	E081210A
Dibromofluoromethane(Surrogate)		51-129		%REC	1.0	SW8260B	N/A		NMM	E081210A
1,2-Dichloroethane-d4(Surrogate)		44-137		%REC	1.0	SW8260B	N/A		NMM	E081210A
Toluene-d8(Surrogate)		58-130		%REC	1.0	SW8260B	N/A		NMM	E081210A
AND THE PROPERTY OF THE PROPER		PRE	P METHOD:	SW5030B			· · · · · · · · · · · · · · · · · · ·		Test Perfo	rmed By: AZ0133
Bromofluorobenzene(Surrogate)										
C6-C10 GRO	86	70-130		%REC	1.0	SW8015D	N/A	12/18/08 16:39	ZDP FU	JELS3_081218A



License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order: Lab ID:

08120130

08120130-05

**Project Name:** 

Bond & Bond

Project Number: 3917783

Client Sample ID: MW-9

Collection Date: 12/5/2008 10:20:00 AM

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Batch ID
		PRE	P METHOD: S	W3510C					Test Perfo	rmed By: AZ013:
C13-C22 DRO	350	100	T5	μg/L	1.0	8015B	12/11/08	12/12/08 15:32	UP	2144
C23-C32 ORO	<100	100	T5	μg/L	1.0	8015B	12/11/08	12/12/08 15:32	UP	2144
o-Terphenyl(Surrogate)	76	42-127		%REC	1.0	8015B	12/11/08	12/12/08 15:32	UP	2144
***************************************		Pf	REP METHOD:	NONE					Test Perfo	rmed By: AZ0133
1,2-Dibromoethane (EDB)	<0.0096	0.0096		μg/L	0.96	EPA8011	12/15/08	12/17/08 2:42	DW	2173
1,2-Dibromo-3-chloropropane (DBCP)	<0.0096	0.0096		µg/L	0.96	EPA8011	12/15/08	12/17/08 2:42	DW	2173
		PRE	P METHOD: S	W5030B					Test Perfo	rmed By: AZ0133
Acetone	<20	20		µg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
Benzene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
Bromobenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
Bromochloromethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
Bromodichioromethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
Bromoform	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
Bromomethane	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
2-Butanone	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
n-Butylbenzene	15	2.5		μg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
sec-Butylbenzene	32	1.5		µg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
tert-Butylbenzene	2.9	2.5		µg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
Carbon disuifide	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
Carbon tetrachloride	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
Chlorobenzene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
Dibromochloromethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
Chloroethane	<4.0	4.0		µg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
Chleroform	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
Chloromethane	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
2-Chlorotoluene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
1-Chlorotoluene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
1,2-Dibromo-3-chloropropane	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
1,2-Dibromoethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
Dibromomethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
1,2-Dichlorobenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
1,3-Dichlorobenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
I,4-Dichlorobenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
Dichlorodifluoromethane	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
1,1-Dichloroethane	<1.0	1.0		µg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
1,2-Dichloroethane	<1.0	1.0		µg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
I,1-Dichloroethene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
cis-1,2-Dichloroethene	<0.50	0.50		hã/r hã/r	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A E081210A



License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08120130

Lab ID:

08120130-05

**Project Name:** 

Bond & Bond

Project Number: 3917783

Client Sample ID: MW-9

Collection Date: 12/5/2008 10:20:00 AM

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
trans-1,2-Dichloroethene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
1,2-Dichloropropane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
1,3-Dichloropropane	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
2,2-Dichloropropane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
1,1-Dichloropropene	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
cis-1,3-Dichloropropene	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
trans-1,3-Dichloropropene	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
Ethylbenzene	92	10	D2	μg/L	5.0	SW8260B	N/A	12/11/08 9:50	NMM	E81211A
Hexachlorobutadiene	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
2-Hexanone	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
lodomethane	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
Isopropylbenzene	59	2.5		μg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
4-Isopropyltoluene	8.3			μg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
Methylene chloride	<3.0			μg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
4-Methyl-2-pentanone	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
Methyl tert-butyl ether	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
Naphthalene	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
n-Propylbenzene	65	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
Styrene	<1.0	. 1.0		μg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
1,1,1,2-Tetrachloroethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
1,1,2,2-Tetrachloroethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
Tetrachloroethene	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
Toluene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
1,2,3-Trichlorobenzene	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
1,2,4-Trichlorobenzene	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
1,1,1-Trichloroethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
1,1,2-Trichloroethane	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
Trichloroethene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
Trichlorofluoromethane	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
1,2,3-Trichloropropane	<1.0	1.0		µg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
1,2,4-Trimethylbenzene	53	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
1,3,5-Trimethylbenzene	8.3	1.5		µg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
Vinyl acetate	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
Vinyl chloride	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
Xylenes, Total	8.4	3.0		μg/L	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
4-Bromofluorobenzene(Surrogate)		57-130		%REC	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
Dibromofluoromethane(Surrogate)	92	51-129		%REC	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
1,2-Dichloroethane-d4(Surrogate)	87	44-137		%REC	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
Toluene-d8(Surrogate)	101	58-130		%REC	1.0	SW8260B	N/A	12/10/08 18:59	NMM	E081210A
		PREI	P METHOD:	SW5030B					Test Perf	ormed By: AZ0133
Bromofluorobenzene(Surrogate)	96	70-130		%REC	5.0	SW8015D	N/A	12/18/08 17:14	ZDP F	UELS3_081218A



License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08120130

Lab ID:

08120130-06

**Project Name:** 

Bond & Bond

Project Number: 3917783

Client Sample ID: MW-10

Collection Date: 12/5/2008 9:55:00 AM

Analyte	Result	DOI	Onal	Ilmita	TOP	Test	Date	Date		
Allaryte	Resuit	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
		PRE	P METHOD:	SW3510C					Test Perfo	ormed By: AZ0133
C13-C22 DRO	120	100	T5	μg/L	1.0	8015B	12/11/08	12/12/08 19:51	UP	2144
C23-C32 ORO	<100	100	T5	μg/L	1.0	8015B	12/11/08	12/12/08 19:51	UP	2144
o-Terphenyl(Surrogate)	80	42-127		%REC	1.0	8015B	12/11/08	12/12/08 19:51	UP	2144
		PR	EP METHOD	: NONE					Test Perfo	ormed By: AZ0133
1,2-Dibromoethane (EDB)	<0.0095	0.0095		μg/L	0.95	EPA8011	12/15/08	12/17/08 4:04	DW	2173
1,2-Dibromo-3-chloropropane (DBCP)	<0.0095	0.0095		µg/L	0.95	EPA8011	12/15/08	12/17/08 4:04	DW	2173
		PREI	P METHOD:	SW5030B					Test Perfo	ormed By: AZ0133
Acetone	<20	20		μg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
Benzene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
Bromobenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
Bromochloromethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
Bromodichloromethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
Bromoform	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
Bromomethane	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM .	E081210A
2-Butanone	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
n-Butylbenzene	<2.5	2.5		µg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
sec-Butylbenzene	16	1.5		μg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
tert-Butylbenzene	<2.5	2.5		μg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
Carbon disulfide	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
Carbon tetrachloride	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
Chlorobenzene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
Dibromochloromethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
Chloroethane	<4.0	4.0		μg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
Chloroform	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
Chloromethane	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
2-Chlorotoluene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
4-Chlorotoluene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
1,2-Dibromo-3-chloropropane	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
1,2-Dibromoethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
Dibromomethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM "	E081210A
1,2-Dichlorobenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
1,3-Dichlorobenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
1,4-Dichlorobenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
Dichlorodifluoromethane	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
,1-Dichloroethane	<1.0	1.0		µg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
,2-Dichloroethane	<1.0	1.0		µg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
1,1-Dichloroethene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
cis-1,2-Dichloroethene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A



License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08120130

Lab ID:

08120130-06

**Project Name:** Bond & Bond Project Number: 3917783

Client Sample ID: MW-10

Collection Date: 12/5/2008 9:55:00 AM

Analyte	Result	PQ	L Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Batch ID
1,2-Dichloropropane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
1,3-Dichloropropane	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
2,2-Dichloropropane	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
1,1-Dichloropropene	<1.0	1.0		µg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
cis-1,3-Dichloropropene	<1.0	1.0		µg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
trans-1,3-Dichloropropene	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
Ethylbenzene	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
Hexachlorobutadiene	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
2-Hexanone	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
lodomethane	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
Isopropylbenzene	18	2.5		µg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
4-Isopropyltoluene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
Methylene chloride	<3.0	3.0		µg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
4-Methyl-2-pentanone	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
Methyl tert-butyl ether	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
Naphthalene	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
n-Propylbenzene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
Styrene	<1.0	1.0		µg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
1,1,1,2-Tetrachloroethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
1,1,2,2-Tetrachloroethane	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
Tetrachioroethene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
Toluene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
1,2,3-Trichlorobenzene	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
1,2,4-Trichlorobenzene	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
1,1,1-Trichloroethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
1,1,2-Trichloroethane	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
Trichloroethene	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
Trichlorofluoromethane	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
1,2,3-Trichloropropane	<1.0	1.0		µg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
1,2,4-Trimethylbenzene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
1,3,5-Trimethylbenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
Vinyl acetate	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
Vinyl chloride	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
Xylenes, Total	<3.0	3.0		μg/L	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
4-Bromofluorobenzene(Surrogate)	100	57-130		%REC	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
Dibromofluoromethane(Surrogate)	92	51-129		%REC	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
1,2-Dichloroethane-d4(Surrogate)	86	44-137		%REC	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
Toluene-d8(Surrogate)	101	58-130		%REC	1.0	SW8260B	N/A	12/10/08 12:58	NMM	E081210A
		P	REP METHOD	: SW5030B			A.A.	-/	Test Perf	ormed By: AZ0133
Bromofluorobenzene(Surrogate)	105	70-130		%REC	2.0	SW8015D	N/A	12/18/08 19:01	ZDP F	UELS3_081218A
C6-C10 GRO	400	400	T5,D1,E4	µg/L	2.0	SW8015D	N/A	12/18/08 19:01	ZDP F	FUELS3_081218A



License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08120130

Lab ID:

08120130-07

**Project Name:** 

Bond & Bond

Project Number: 3917783

Client Sample ID: MW-11

Collection Date: 12/5/2008 12:52:00 PM

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Batch ID
		DDE	P METHOD:	CIA/2E40C			*			
		PRC	PIKETHOD:	2M2210C					Test Perfo	rmed By: AZ0133
C13-C22 DRO	<100	100	T5	μg/L	1.0	8015B	12/11/08	12/12/08 20:35	UP	2144
C23-C32 ORO	<100	100	T5	μg/L	1.0	8015B	12/11/08	12/12/08 20:35	UP	2144
o-Terphenyl(Surrogate)	81	42-127		%REC	1.0	8015B	12/11/08	12/12/08 20:35	UP	2144
		PR	EP METHOD	: NONE				.,,	Test Perfo	rmed By: AZ0133
1,2-Dibromoethane (EDB)	<0.0096	0.0096		μg/L	0.96	EPA8011	12/15/08	12/17/08 4:32	DW	2173
1,2-Dibromo-3-chloropropane (DBCP)	<0.0096	0.0096		μg/L	0.96	EPA8011	12/15/08	12/17/08 4:32	DW	2173
		PREI	P METHOD:	SW5030B	·	~.//			Test Perfo	rmed By: AZ0133
Acetone	<20	20		µg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
Benzene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
Bromobenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
Bromochloromethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
Bromodichloromethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
Bromoform	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
Bromomethane	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
2-Butanone	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
n-Butylbenzene	<2.5	2.5		μg/L	1:0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
sec-Butylbenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
tert-Butylbenzene	<2.5	2.5		μg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
Carbon disulfide	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
Carbon tetrachloride	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
Chlorobenzene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
Dibromochloromethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
Chloroethane	<4.0	4.0		μg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
Chloroform	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
Chloromethane	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
2-Chlorotoluene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
4-Chlorotoluene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
1,2-Dibromo-3-chloropropane	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
1,2-Dibromoethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
Dibromomethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
f,2-Dichlorobenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
1,3-Dichlorobenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
1,4-Dichlorobenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
Dichlorodifluoromethane	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
1,1-Dichloroethane	<1.0	1.0		µg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
I,2-Dichloroethane	<1.0	1.0		µg/L	1.0	SW8260B	N/A		NMM	E081210A
1,1-Dichloroethene	<0.50	0.50		µg/L	1.0	SW8260B	N/A		NMM	E081210A
sis-1,2-Dichloroethene	<0.50	0.50		µg/L	1.0	SW8260B	N/A		NMM	E081210A



License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08120130

Lab ID:

08120130-07

**Project Name:** 

Project Number: 3917783

Bond & Bond

Client Sample ID: MW-11

Collection Date: 12/5/2008 12:52:00 PM

			. *			Test	Date	Date		•
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
trans-1,2-Dichloroethene	<0.50	0.50	W-1411	μg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
1,2-Dichloropropane	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
1,3-Dichloropropane	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
2,2-Dichloropropane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
1,1-Dichloropropene	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
cis-1,3-Dichloropropene	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
trans-1,3-Dichloropropene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
Ethylbenzene	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
Hexachlorobutadiene	<5:0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
2-Hexanone	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
lodomethane	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
Isopropylbenzene	<2.5	2.5		μg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
4-Isopropyltoluene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
Methylene chloride	<3.0	3.0		µg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
4-Methyl-2-pentanone	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
Methyl tert-butyl ether	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
Naphthalene	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
n-Propylbenzene	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
Styrene	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
1,1,1,2-Tetrachloroethane	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
1,1,2,2-Tetrachloroethane	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
Tetrachloroethene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
Toluene	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
1,2,3-Trichlorobenzene	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
1,2,4-Trichlorobenzene	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
1,1,1-Trichloroethane	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
1,1,2-Trichloroethane	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
Trichloroethene	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
Trichlorofluoromethane	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
1,2,3-Trichloropropane	<1.0	1.0		µg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
1,2,4-Trimethylbenzene	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
1,3,5-Trimethylbenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
Vinyl acetate	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
Vinyl chloride	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
Xylenes, Total	<3.0	3.0		μg/L	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
4-Bromofluorobenzene(Surrogate)		57-130		%REC	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
Dibromofluoromethane(Surrogate)		51-129		%REC	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
1,2-Dichloroethane-d4(Surrogate)		44-137		%REC	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
Toluene-d8(Surrogate)	99	58-130		%REC	1.0	SW8260B	N/A	12/10/08 13:21	NMM	E081210A
		PREI	P METHOD:	SW5030B		Test Performed By: AZ0133				
Bromofluorobenzene(Surrogate)	81	70-130		%REC	1.0	SW8015D	N/A	12/12/08 2:01	ZDP F	UELS3_081211A
C6-C10 GRO	<200	200	T5	µg/L	1.0	SW8015D	N/A	12/12/08 2:01		UELS3_081211A



License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08120130

Lab ID:

08120130-08

**Project Name:** 

Bond & Bond

**Project Number: 3917783** 

Client Sample ID: MW-12

Collection Date: 12/5/2008 11:40:00 AM

1.2-Distromoethane (EDB)	Analyte	Result	PQI	_ Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Batch ID
C23-C32 ORO			PF	REP METHOD:	SW3510C				· · · · · · · · · · · · · · · · · · ·	Test Perfo	ormed By: AZ0133
C23-G23 ORC	C13-C22 DRO	<100	100	T5	μg/L	1.0	8015B	12/11/08	12/12/08 21:18	UP	2144
-Temphenyi(Surrogate)	C23-C32 ORO	<100	100	T5		1.0	8015B	12/11/08	12/12/08 21:18		2144
1.2-Oibromoethane (EDB)	o-Terphenyl(Surrogate)	93	42-127			1.0	8015B	12/11/08	12/12/08 21:18		2144
1,2-Dibromo-3-chloropropane (DBCP)	**************************************			PREP METHOD	: NONE	1-1				Test Perfo	ormed By: AZ0133
Acelone	1,2-Dibromoethane (EDB)	<0.0096	0.0096		μg/L	0.96	EPA8011	12/15/08	12/17/08 5:32	DW	2173
Acetone	1,2-Dibromo-3-chloropropane (DBCP)	<0.0096	0.0096		μg/L	0.96	EPA8011	12/15/08	12/17/08 5:32	DW	2173
Benzene			PR	EP METHOD:	SW5030B					Test Perfo	rmed By: AZ0133
Bromoberizene	Acetone	<20	20		μg/L	1.0	SW8260B	N/A	12/10/08 9:48	NMM	E081210A
Bromochloromethane	Benzene	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 9:48	NMM	E081210A
Bromodichloromethane	Bromobenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/10/08 9:48	NMM	E081210A
Bromoform	Bromochloromethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 9:48	NMM	E081210A
Bromomethane	Bromodichloromethane	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 9:48	NMM	E081210A
2-Butanone	Bromoform	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 9:48	NMM	E081210A
n-Butylbenzene	Bromomethane	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 9:48	NMM	E081210A
n-Butylbenzene	2-Butanone	<5.0	5.0			1.0	SW8260B	N/A	12/10/08 9:48	NMM	E081210A
sec-Butylbenzene         <1.5         µg/L         1.0         SW8260B         N/A         12/10/08 9:48         NMM         E081210A           Lett-Butylbenzene         <2.5	n-Butylbenzene	<2.5	2.5			1.0	SW8260B	N/A	12/10/08 9:48		E081210A
tert-Butylbenzene         <2.5         2.5         µg/L         1.0         SW8260B         N/A         12/10/08 9:48         NMM         E081210A           Carbon disulfide         <0.50	sec-Butylbenzene	<1.5	1.5			1.0	SW8260B	N/A	12/10/08 9:48	NMM	E081210A
Carbon disulfide         <0.50         0.50         µg/L         1.0         SW8260B         N/A         12/10/08 948         NMM         E081210A           Carbon tetrachloride         <0.50	tert-Butylbenzene	<2.5	2.5			1.0	SW8260B	N/A	12/10/08 9:48		
Carbon tetrachloride         <0.50         0.50         µg/L         1.0         SW8260B         N/A         12/10/08 9:48         NMM         E081210A           Chlorobenzene         <0.50	Carbon disulfide	< 0.50	0.50			1.0	SW8260B	N/A	12/10/08 9:48		
Chlorobenzene         <0.50         0.50         µg/L         1.0         SW8260B         N/A         12/10/08 9:48         NMM         E081210A           Dibromochioromethane         <0.50	Carbon tetrachloride	<0.50	0.50			1.0	SW8260B	N/A	12/10/08 9:48		E081210A
Dibromochioromethane         <0.50         0.50         µg/L         1.0         SW8260B         N/A         12/10/08 9:48         NMM         E081210A           Chlorotethane         <4.0	Chlorobenzene	<0.50	0.50			1.0	SW8260B	N/A	12/10/08 9:48		
Chloroethane         <4.0         4.0         µg/L         1.0         SW8260B         N/A         12/10/08 9/48         NMM         E081210A           Chloroform         <0.50	Dibromochloromethane	<0.50	0.50			1.0	SW8260B	N/A	12/10/08 9:48		
Chloroform	Chloroethane	<4.0	4.0			1.0	SW8260B	N/A	12/10/08 9:48		
Chloromethane	Chloroform	<0.50	0.50			1.0	SW8260B	N/A	12/10/08 9:48		
2-Chlorotoluene	Chloromethane	<5.0				1.0	SW8260B				
4-Chlorotoluene	2-Chlorotoluene	<1.5	1.5			1.0	SW8260B	N/A	12/10/08 9:48		
1,2-Dibromo-3-chloropropane	4-Chlorotoluene	<2.0	2.0			1.0	SW8260B	N/A	12/10/08 9:48		
1,2-Dibromoethane       <0.50	1,2-Dibromo-3-chloropropane	<2.0				1.0	SW8260B		12/10/08 9:48		
Dibromomethane       <0.50       0.50       μg/L       1.0       SW8260B       N/A       12/10/08 9:48       NMM       E081210A         1,2-Dichlorobenzene       <1.5	1,2-Dibromoethane	<0.50	0.50			1.0	SW8260B	N/A	12/10/08 9:48		
1,2-Dichlorobenzene	Dibromomethane	<0.50	0.50			1.0	SW8260B	N/A	12/10/08 9:48		
1,3-Dichlorobenzene       <1.5	1,2-Dichlorobenzene	<1.5	1.5				SW8260B				
1,4-Dichlorobenzene <1.5 1.5 µg/L 1.0 SW8260B N/A 12/10/08 9:48 NMM E081210A Dichlorodifluoromethane <2.0 2.0 µg/L 1.0 SW8260B N/A 12/10/08 9:48 NMM E081210A 1,1-Dichloroethane <1.0 1.0 µg/L 1.0 SW8260B N/A 12/10/08 9:48 NMM E081210A 1,2-Dichloroethane <1.0 1.0 µg/L 1.0 SW8260B N/A 12/10/08 9:48 NMM E081210A 1,2-Dichloroethane <1.0 1.0 µg/L 1.0 SW8260B N/A 12/10/08 9:48 NMM E081210A 1,1-Dichloroethene <0.50 0.50 µg/L 1.0 SW8260B N/A 12/10/08 9:48 NMM E081210A	1,3-Dichlorobenzene										
Dichlorodifluoromethane <2.0 2.0 µg/L 1.0 SW8260B N/A 12/10/08 9:48 NMM E081210A 1,1-Dichloroethane <1.0 1.0 µg/L 1.0 SW8260B N/A 12/10/08 9:48 NMM E081210A 1,2-Dichloroethane <1.0 1.0 µg/L 1.0 SW8260B N/A 12/10/08 9:48 NMM E081210A 1,2-Dichloroethane <1.0 1.0 µg/L 1.0 SW8260B N/A 12/10/08 9:48 NMM E081210A 1,1-Dichloroethene <0.50 0.50 µg/L 1.0 SW8260B N/A 12/10/08 9:48 NMM E081210A	1,4-Dichlorobenzene										
1,1-Dichloroethane <1.0 1.0 μg/L 1.0 SW8260B N/A 12/10/08 9:48 NMM E081210A 1,2-Dichloroethane <1.0 1.0 μg/L 1.0 SW8260B N/A 12/10/08 9:48 NMM E081210A 1,1-Dichloroethene <0.50 0.50 μg/L 1.0 SW8260B N/A 12/10/08 9:48 NMM E081210A	Dichlorodifluoromethane										
1,2-Dichloroethane <1.0 1.0 µg/L 1.0 SW8260B N/A 12/10/08 9:48 NMM E081210A 1,1-Dichloroethene <0.50 0.50 µg/L 1.0 SW8260B N/A 12/10/08 9:48 NMM E081210A	1,1-Dichloroethane										
1,1-Dichloroethene <0.50 0.50 µg/L 1.0 SW8260B N/A 12/10/08 9:48 NMM E081210A	1,2-Dichloroethane										
A Desire Control	1,1-Dichloroethene										
	cis-1,2-Dichloroethene				μg/L	1.0				NMM	E081210A



License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08120130

Lab ID:

08120130-08

**Project Name:** 

Bond & Bond

**Project Number: 3917783** 

Client Sample ID: MW-12

Collection Date: 12/5/2008 11:40:00 AM

	······································		······			Test	Date	Date		***************************************
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analys	Batch ID
trans-1,2-Dichloroethene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 9:48	NMM	E081210A
1,2-Dichloropropane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 9:48	NMM	E081210A
1,3-Dichloropropane	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 9:48	NMM	E081210A
2,2-Dichloropropane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 9:48	NMM	E081210A
1,1-Dichloropropene	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 9:48	NMM	E081210A
cis-1,3-Dichloropropene	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 9:48	NMM	E081210A
trans-1,3-Dichloropropene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 9:48	NMM	E081210A
Ethylbenzene	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 9:48	NMM	E081210A
Hexachlorobutadiene	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/10/08 9:48	NMM	E081210A
2-Hexanone	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 9:48	NMM	E081210A
lodomethane	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 9:48	NMM	E081210A
Isopropylbenzene	<2.5	2.5		μg/L	1.0	SW8260B	N/A	12/10/08 9:48	NMM	E081210A
4-Isopropyltoluene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/10/08 9:48	NMM	E081210A
Methylene chloride	<3.0	3.0		μg/L	1.0	SW8260B	N/A	12/10/08 9:48	NMM	E081210A
4-Methyl-2-pentanone	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 9:48	NMM	E081210A
Methyl tert-butyl ether	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 9:48	NMM	E081210A
Naphthalene	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 9:48	NMM	E081210A
n-Propylbenzene	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 9:48	NMM	E081210A
Styrene	<1.0	1,0		μg/L	1.0	SW8260B	N/A	12/10/08 9:48	NMM	E081210A
1,1,1,2-Tetrachloroethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 9:48	NMM	E081210A
1,1,2,2-Tetrachloroethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 9:48	NMM	E081210A
Tetrachloroethene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 9:48	NMM	E081210A
Toluene	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 9:48	NMM	E081210A
1,2,3-Trichlörobenzene	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 9:48	NMM	E081210A
1,2,4-Trichlorobenzene	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 9:48	NMM	E081210A
1,1,1-Trichloroethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 9:48	NMM	E081210A
1,1,2-Trichloroethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 9:48	NMM	E081210A
Trichloroethene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 9:48	NMM	E081210A
Trichlorofluoromethane	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 9:48	NMM	E081210A
1,2,3-Trichloropropane	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 9:48	NMM	E081210A
1,2,4-Trimethylbenzene	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 9:48	NMM	E081210A
1,3,5-Trimethylbenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/10/08 9:48	NMM	E081210A
Vinyl acetate	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/10/08 9:48	NMM	E081210A
Vinyl chloride	<0.50	0.50		μg/L	1.0	SW8260B	N/A *	12/10/08 9:48	NMM	E081210A
Xylenes, Total	<3.0	3.0		μg/L	1.0	SW8260B	N/A	12/10/08 9:48	NMM	E081210A
4-Bromofluorobenzene(Surrogate)	97	57-130		%REC	1.0	SW8260B	N/A	12/10/08 9:48	NMM	E081210A
Dibromofluoromethane(Surrogate)	98	51-129		%REC	1.0	SW8260B	N/A	12/10/08 9:48	NMM	E081210A
1,2-Dichloroethane-d4(Surrogate)	97	44-137		%REC	1.0	SW8260B	N/A	12/10/08 9:48	NMM	E081210A
Toluene-d8(Surrogate)	100	58-130		%REC	1.0	SW8260B	N/A	12/10/08 9:48	NMM	E081210A
		PRE	P METHOD:	SW5030B		A-1			Test Per	formed By: AZ0133
Bromofluorobenzene(Surrogate)	79	70-130		%REC	1.0	SW8015D	N/A	12/12/08 2:36	ZDP (	FUELS3_081211A
C6-C10 GRO	<200	200	T5	μg/L	1.0	SW8015D	N/A	12/12/08 2:36		FUELS3_081211A



Collection Date: 12/5/2008 12:40:00 PM

Client Sample ID: MW-13

License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08120130

Lab ID:

08120130-09

Project Name:

**Project Number: 3917783** 

Bond & Bond

A	D14	DOI.	01	FT **.	***	Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
		PRE	P METHOD:	SW3510C					Test Perfo	rmed By: AZ013
C13-C22 DRO	<100	100	T5	μg/L	1.0	8015B	12/11/08	12/12/08 22:01	UP	2144
C23-C32 ORO	<100	100	T5	μg/L	1.0	8015B	12/11/08	12/12/08 22:01	UP	2144
o-Terphenyl(Surrogate)	90	42-127		%REC	1.0	8015B	12/11/08	12/12/08 22:01	UP	2144
		PR	EP METHOD:	NONE					Test Perfo	rmed By: AZ013
1,2-Dibromoethane (EDB)	<0.0097	0.0097		µg/L	0.97	EPA8011	12/15/08	12/17/08 6:01	DW	2173
1,2-Dibromo-3-chloropropane (DBCP)	<0.0097	0.0097		µg/L	0.97	EPA8011	12/15/08	12/17/08 6:01	DW	2173
		PREI	P METHOD: \$	SW5030B					Test Perfo	rmed By: AZ013
Acetone	<20	20		µg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
Benzene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
Bromobenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
Bromochloromethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
Bromodichloromethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
Bromoform	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
Bromomethane	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
2-Butanone	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
n-Butylbenzene	<2.5	2.5		μg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
sec-Butylbenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
ert-Butylbenzene	<2.5	2.5	•	μg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
Carbon disulfide	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
Carbon tetrachloride	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
Chlorobenzene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
Dibromochloromethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
Chloroethane	<4.0	4.0		μg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
Chloroform	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
Chioromethane	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
2-Chlorotoluene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
1-Chlorotoluene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
1,2-Dibromo-3-chloropropane	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
,2-Dibromoethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
Dibromomethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
,2-Dichlorobenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
,3-Dichlorobenzene	<1.5	1.5		ha\r ha\r	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
,4-Dichlorobenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
Dichlorodifluoromethane	<2.0	2.0		hã/r	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
,1-Dichloroethane	<1.0	1.0		µg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
,2-Dichloroethane	<1.0	1.0		µg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A E081210A
,1-Dichloroethene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 13:43		
ris-1,2-Dichloroethene	<0.50	0.50	ut e	µg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM NMM	E081210A E081210A



License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08120130

Lab ID:

08120130-09

**Project Name:** 

Bond & Bond

Project Number: 3917783

Client Sample ID: MW-13

**Collection Date:** 12/5/2008 12:40:00 PM

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analysi	Batch ID
trans-1,2-Dichloroethene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
1,2-Dichloropropane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
1,3-Dichloropropane	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
2,2-Dichloropropane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
1,1-Dichloropropene	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
cls-1,3-Dichloropropene	<1.0	1.0		µg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
trans-1,3-Dichloropropene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
Ethylbenzene	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
Hexachlorobutadiene	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
2-Hexanone	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
lodomethane	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
Isopropylbenzene	<2.5	2.5		μg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
4-isopropyltoluene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
Methylene chloride	<3.0	3.0		μg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
4-Methyl-2-pentanone	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
Methyl tert-butyl ether	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
Naphthalene	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
n-Propylbenzene	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
Styrene	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
1,1,1,2-Tetrachloroethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
1,1,2,2-Tetrachloroethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
Tetrachloroethene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
Toluene	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
1,2,3-Trichlorobenzene	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
1,2,4-Trichlorobenzene	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
1,1,1-Trichloroethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
1,1,2-Trichloroethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
Trichloroethene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
Trichlorofluoromethane	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
1,2,3-Trichloropropane	<1.0	1.0		µg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
1,2,4-Trimethylbenzene	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
1,3,5-Trimethylbenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
Vinyl acetate	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
Vinyl chloride	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
Xylenes, Total	<3.0	3.0		µg/L	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
4-Bromofluorobenzene(Surrogate)		57-130		%REC	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
Dibromofluoromethane(Surrogate)		51-129		%REC	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
1,2-Dichloroethane-d4(Surrogate)		44-137		%REC	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
Toluene-d8(Surrogate)		58-130		%REC	1.0	SW8260B	N/A	12/10/08 13:43	NMM	E081210A
		PR	EP METHOD:	SW5030B		Test Performed By: AZ0133				
Bromofluorobenzene(Surrogate)	81	70-130		%REC	1.0	SW8015D	N/A	12/12/08 3:10	ZDP I	FUELS3_081211A
C6-C10 GRO	<200	200	T5	µg/L	1.0	SW8015D	N/A	12/12/08 3:10		UELS3_081211A



License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08120130

Lab ID:

08120130-10

**Project Name:** 

Bond & Bond

**Project Number: 3917783** 

Client Sample ID: MW-14

**Collection Date:** 12/5/2008 1:45:00 PM

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Amalyzat	Batch ID
							Trepared	Anaryzeu	Analyst	Daten ID
		PRE	P METHOD:	SW3510C					Test Perfo	rmed By: AZ0133
C13-C22 DRO	<100	100	T5	µg/L	1.0	8015B	12/11/08	12/12/08 22:44	UP	2144
C23-C32 ORO	<100	100	T5	µg/L	1.0	8015B	12/11/08	12/12/08 22:44	UP	2144
o-Terphenyl(Surrogate)	84	42-127		%REC	1.0	8015B	12/11/08	12/12/08 22:44	UP	2144
74000119-1010-11-11-11-11-11-11-11-11-11-11-11-1		PR	EP METHOD	: NONE					Test Perfo	rmed By: AZ0133
1,2-Dibromoethane (EDB)	<0.0095	0.0095		μg/L	0.95	EPA8011	12/15/08	12/17/08 6:33	DW	2173
1,2-Dibromo-3-chloropropane (DBCP)	<0.0095	0.0095		µg/L	0.95	EPA8011	12/15/08	12/17/08 6:33	DW	2173
		PREI	P METHOD:	SW5030B	PP-41-16			· · · · · · · · · · · · · · · · · · ·	Test Perfo	rmed By: AZ0133
Acetone	<20	20		μg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
Benzene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
Bromobenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
Bromochloromethane	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
Bromodichloromethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM .	E081210A
Bromoform	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
Bromomethane	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
2-Butanone	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
n-Butylbenzene	<2.5	2.5		μg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
sec-Butylbenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
tert-Butylbenzene	<2.5	2.5		μg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
Carbon disulfide	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
Carbon tetrachloride	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
Chlorobenzene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
Dibromochloromethane	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
Chloroethane	<4.0	4.0		μg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
Chloroform	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
Chioromethane	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
2-Chlorotoluene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
4-Chlorotoluene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
1,2-Dibromo-3-chloropropane	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
1,2-Dibromoethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
Dibromomethane`	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
1,2-Dichlorobenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
1,3-Dichlorobenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
1,4-Dichlorobenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
Dichlorodifluoromethane	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
1,1-Dichloroethane	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
1,2-Dichloroethane	<1.0	1.0		µg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
1,1-Dichloroethene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
cis-1,2-Dichloroethene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A



License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08120130

Lab ID:

08120130-10

Project Name:

Bond & Bond

Project Number: 3917783

Client Sample ID: MW-14

Collection Date: 12/5/2008 1:45:00 PM

						Test	Date	Date		
Analyte	Result	PQI	Qual	Units	DF	Code	Prepared	Analyzed	Analys	Batch ID
trans-1,2-Dichloroethene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
1,2-Dichloropropane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
1,3-Dichloropropane	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
2,2-Dichloropropane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
1,1-Dichloropropene	· <1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
cis-1,3-Dichloropropene	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
trans-1,3-Dichloropropene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
Ethylbenzene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
Hexachlorobutadiene	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
2-Hexanone	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
lodomethane	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
Isopropylbenzene	<2.5	2.5		μg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
4-isopropyltoluene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
Methylene chloride	<3.0	3.0		μg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
4-Methyl-2-pentanone	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
Methyl tert-butyl ether	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
Naphthalene	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
n-Propylbenzene	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
Styrene	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
1,1,1,2-Tetrachloroethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
1,1,2,2-Tetrachloroethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
Tetrachloroethene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
Toluene	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
1,2,3-Trichlorobenzene	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
1,2,4-Trichlorobenzene	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
1,1,1-Trichloroethane	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
1,1,2-Trichloroethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
Trichloroethene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM-	E081210A
Trichlorofluoromethane	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
1,2,3-Trichloropropane	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
1,2,4-Trimethylbenzene	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
1,3,5-Trimethylbenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
Vinyl acetate	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
Vinyl chloride	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
Xylenes, Total	<3.0	3.0		μg/L	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
4-Bromofluorobenzene(Surrogate)	95	57-130		%REC	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
Dibromofluoromethane(Surrogate)		51-129		%REC	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
1,2-Dichloroethane-d4(Surrogate)		44-137		%REC	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
Toluene-d8(Surrogate)	100	58-130		%REC	1.0	SW8260B	N/A	12/10/08 14:06	NMM	E081210A
, , , , , , , , , , , , , , , , , , , ,	,,,,,	PR	EP METHOD:	SW5030B	,					ormed By: AZ0133
Bromofluorobenzene(Surrogate)	79	70-130		%REC	1.0	SW8015D	KITA	121121002115	י ממע	TICLOS COASA
C6-C10 GRO	<200	200	<b>T</b> 5	µg/L	1.0	SW8015D	N/A N/A	12/12/08 3:45 12/12/08 3:45		UELS3_081211A
	-200	200	10	µg/∟	7.0	OAKOO LOD	FWA	12112100 3:40	ZDP F	UELS3_081211A



License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08120130

Lab ID:

08120130-11

Project Name:

Bond & Bond

**Project Number: 3917783** 

Client Sample ID: MW-15

**Collection Date:** 12/5/2008 2:10:00 PM

Analyte   Result   PQL   Qual   Units   DF   Code   Prepared   Analyte   PREP METHOD: SW3510C	3:27 UP 3:27 UP 3:27 UP  Test Pen 3:09 DW  Test Pen 4:28 NMM	t Batch ID  formed By: AZ0133  2144 2144 2144  formed By: AZ0133  2173 2173 2173 formed By: AZ0133
C13-C22 DRO         850         100         T5         μg/L         1.0         80158         12/11/08         12/12/08           C23-C32 ORO         <100         100         T5         μg/L         1.0         80158         12/11/08         12/12/08           PREP METHOD: NONE           PREP METHOD: NONE           1,2-Dibromoethane (EDB)         <0.0096         0.0096         μg/L         0.96         EPA8011         12/15/08         12/17/08           1,2-Dibromoe-3-chloropropane (DBCP)         <0.0096         0.0096         μg/L         0.96         EPA8011         12/15/08         12/17/08           1,2-Dibromoe-3-chloropropane (DBCP)         <0.0096         μg/L         1.0         SW8260B         N/A         12/10/08         12/17/08         12/17/08	3:27 UP 3:27 UP 3:27 UP  Test Pen 3:09 DW  Test Pen 4:28 NMM	2144 2144 2144 formed By: AZ0133 2173 2173 formed By: AZ0133
C23-C32 QRO	3:27 UP  Test Per  :09 DW  Test Per	2144 2144 formed By: AZ0133 2173 2173 formed By: AZ0133
o-Terphenyl(Surrogate) 84 42-127 %REC 1.0 8015B 12/11/08 12/12/08 1  PREP METHOD: NONE  1,2-Dibromoethane (EDB) < 0.0096 0.0096 µg/L 0.96 EPA8011 12/15/08 12/17/08 1.2-Dibromo-3-chloropropane (DBCP) < 0.0096 0.0096 µg/L 0.96 EPA8011 12/15/08 12/17/08  PREP METHOD: SWS330B  Acetone < 20 20 µg/L 1.0 SW8260B N/A 12/10/08 1  Benzene < 0.50 0.50 µg/L 1.0 SW8260B N/A 12/10/08 1  Bromobenzene < 1.5 1.5 µg/L 1.0 SW8260B N/A 12/10/08 1  Bromochloromethane < 0.50 0.50 µg/L 1.0 SW8260B N/A 12/10/08 1  Bromochloromethane < 0.50 0.50 µg/L 1.0 SW8260B N/A 12/10/08 1  Bromochloromethane < 0.50 0.50 µg/L 1.0 SW8260B N/A 12/10/08 1  Bromochloromethane < 0.50 0.50 µg/L 1.0 SW8260B N/A 12/10/08 1  Bromochloromethane < 0.50 0.50 µg/L 1.0 SW8260B N/A 12/10/08 1  Bromochloromethane < 0.50 0.50 µg/L 1.0 SW8260B N/A 12/10/08 1  Bromochloromethane < 0.50 0.50 µg/L 1.0 SW8260B N/A 12/10/08 1  Bromochloromethane < 0.50 5.0 µg/L 1.0 SW8260B N/A 12/10/08 1  Bromomethane < 0.50 5.0 µg/L 1.0 SW8260B N/A 12/10/08 1  Bromomethane < 0.50 0.50 µg/L 1.0 SW8260B N/A 12/10/08 1  Cabon disulfide < 0.50 0.50 µg/L 1.0 SW8260B N/A 12/10/08 1  Carbon disulfide < 0.50 0.50 µg/L 1.0 SW8260B N/A 12/10/08 1  Carbon disulfide < 0.50 0.50 µg/L 1.0 SW8260B N/A 12/10/08 1  Carbon disulfide < 0.50 0.50 µg/L 1.0 SW8260B N/A 12/10/08 1  Carbon disulfide < 0.50 0.50 µg/L 1.0 SW8260B N/A 12/10/08 1  Carbon disulfide < 0.50 0.50 µg/L 1.0 SW8260B N/A 12/10/08 1  Carbon disulfide < 0.50 0.50 µg/L 1.0 SW8260B N/A 12/10/08 1  Carbon disulfide < 0.50 0.50 µg/L 1.0 SW8260B N/A 12/10/08 1  Chloroform < 0.50 0.50 µg/L 1.0 SW8260B N/A 12/10/08 1	7est Per .09 DW .09 DW .09 DW .09 Test Per	2144 formed By: AZ0133 2173 2173 formed By: AZ0133
1,2-Dibromoethane (EDB)   <0.0096   0.0096   µg/L   0.96   EPA8011   12/15/08   12/17/08   1.2-Dibromoedhane (EDB)   <0.0096   0.0096   µg/L   0.96   EPA8011   12/15/08   12/17/08   1.2-Dibromoedhane (DBCP)   <0.0096   0.0096   µg/L   0.96   EPA8011   12/15/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08   12/17/08	7est Pen :09 DW :09 DW 7est Pen	2173 2173 2173 formed By: AZ0133
1,2-Dibromoethane (EDB)	:09 DW :09 DW Test Pen	2173 2173 formed By: AZ0133
1,2-Dibromo-3-chloropropane (DBCP) < 0.0096 0.0096 μg/L 0.96 EPA8011 12/15/08 12/17/08    PREP METHOD: SW5030B	.09 DW  Test Pen  1:28 NMM	2173 formed By: AZ0133
Acetone	Test Peri	formed By: AZ0133
Acetone         <20         20         μg/L         1.0         SW8260B         N/A         12/10/08 1           Benzene         <0.50	1:28 NMM	·
Benzene	, , , , , , , , , , , , , , , , , , , ,	E081210A
Bromobenzene         <1.5         1.5         μg/L         1.0         SW8260B         N/A         12/10/08 1           Bromochloromethane         <0.50	128 NMM	
Bromochloromethane         <0.50         0.50         μg/L         1.0         SW8260B         N/A         12/10/08 1           Bromodichloromethane         <0.50		E081210A
Bromodichloromethane         <0.50         0.50         μg/L         1.0         SW8260B         N/A         12/10/08 ft           Bromoform         <1.0	:28 NMM	E081210A
Bromoform         <1.0         1.0         μg/L         1.0         SW8260B         N/A         12/10/08 ft           Bromomethane         <5.0	:28 NMM	E081210A
Bromomethane         <5.0         5.0         μg/L         1.0         SW8260B         N/A         12/10/08 1           2-Butanone         <5.0	:28 NMM	E081210A
2-Butanone	:28 NMM	E081210A
n-Butylbenzene         <2.5         2.5         μg/L         1.0         SW8260B         N/A         12/10/08 1           sec-Butylbenzene         <1.5	:28 NMM	E081210A
sec-Butylbenzene         <1.5         µg/L         1.0         SW8260B         N/A         12/10/08 1           tert-Butylbenzene         <2.5	:28 NMM	E081210A
tert-Butylbenzene <2.5 2.5 µg/L 1.0 SW8260B N/A 12/10/08 1 Carbon disulfide <0.50 0.50 µg/L 1.0 SW8260B N/A 12/10/08 1 Carbon tetrachloride <0.50 0.50 µg/L 1.0 SW8260B N/A 12/10/08 1 Chlorobenzene <0.50 0.50 µg/L 1.0 SW8260B N/A 12/10/08 1 Dibromochloromethane <0.50 0.50 µg/L 1.0 SW8260B N/A 12/10/08 1 Chloroethane <4.0 4.0 µg/L 1.0 SW8260B N/A 12/10/08 1 Chloroform <0.50 0.50 µg/L 1.0 SW8260B N/A 12/10/08 1	28 NMM	E081210A
Carbon disulfide         <0.50         0.50         μg/L         1.0         SW8260B         N/A         12/10/08 1           Carbon tetrachloride         <0.50	:28 NMM	E081210A
Carbon tetrachloride         <0.50         0.50         μg/L         1.0         SW8260B         N/A         12/10/08 1           Chlorobenzene         <0.50	:28 NMM	E081210A
Chlorobenzene         <0.50         0.50         μg/L         1.0         SW8260B         N/A         12/10/08 1           Dibromochloromethane         <0.50	.28 NMM	E081210A
Dibromochioromethane         <0.50         0.50         μg/L         1.0         SW8260B         N/A         12/10/08 1           Chloroethane         <4.0	:28 NMM	E081210A
Chloroethane         <4.0         4.0         μg/L         1.0         SW8260B         N/A         12/10/08 1           Chloroform         <0.50	:28 NMM	E081210A
Chloroform <0.50 0.50 µg/L 1.0 SW8260B N/A 12/10/08 1	:28 NMM	E081210A
The state of the s	:28 NMM	E081210A
Chloromethane <5.0 5.0 µg/L 1.0 SW8260B N/A 12/10/08 1	:28 NMM	E081210A
	:28 NMM	E081210A
2-Chlorotoluene <1.5 1.5 μg/L 1.0 SW6260B N/A 12/10/08 1	:28 NMM	E081210A
4-Chlorotoluene <2.0 2.0 μg/L 1.0 SW8260B N/A 12/10/08 1	:28 NMM	E081210A
1,2-Dibromo-3-chloropropane <2.0 2.0 µg/L 1.0 SW8260B N/A 12/10/08 1	:28 NMM	E081210A
1,2-Dibromoethane <0.50 0.50 µg/L 1.0 SW8260B N/A 12/10/08 1	:28 NMM	E081210A
Dibromomethane <0.50 0.50 μg/L 1.0 SW8260B N/A 12/10/08 1	:28 NMM	E081210A
1,2-Dichlorobenzene <1.5 1.5 µg/L 1.0 SW8260B N/A 12/10/08 1	:28 NMM	E081210A
1,3-Dichlorobenzene <1.5 1.5 µg/L 1.0 SW8260B N/A 12/10/08 1		E081210A
1,4-Dichlorobenzene <1.5 1.5 µg/L 1.0 SW8260B N/A 12/10/08 1		E081210A
Dichlorodifluoromethane <2.0 2.0 µg/L 1.0 SW8260B N/A 12/10/08 1		E081210A
1,1-Dichloroethane <1.0 1.0 µg/L 1.0 SW8260B N/A 12/10/08 1		E081210A
1,2-Dichloroethane <1.0 1.0 µg/L 1.0 SW8260B N/A 12/10/08 1		E081210A
1,1-Dichloroethene <0.50 0.50 µg/L 1.0 SW8260B N/A 12/10/08 1		E081210A
cis-1,2-Dichloroethene <0.50 0.50 µg/L 1.0 SW8260B N/A 12/10/08 1		E081210A



License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08120130

Lab ID:

08120130-11

Project Name:

Bond & Bond

Project Number: 3917783

Client Sample ID: MW-15

**Collection Date:** 12/5/2008 2:10:00 PM

**						Test	Date	Date	, ,	
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analys	t Batch ID
trans-1,2-Dichloroethene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 14:28	NMM	E081210A
1,2-Dichloropropane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 14:28	NMM	E081210A
1,3-Dichloropropane	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 14:28	NMM	E081210A
2,2-Dichloropropane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 14:28	NMM	E081210A
1,1-Dichloropropene	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 14:28	NMM	E081210A
cis-1,3-Dichloropropene	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 14:28	NMM	E081210A
trans-1,3-Dichloropropene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 14:28	NMM	E081210A
Ethylbenzene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/10/08 14:28	NMM	E081210A
Hexachlorobutadiene	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 14:28	NMM	E081210A
2-Hexanone	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 14:28	NMM	E081210A
lodomethane	<2.0	2.0	•	µg/L	1.0	SW8260B	N/A	12/10/08 14:28	NMM	E081210A
Isopropylbenzene	<2.5	2.5		μg/L	1.0	SW8260B	N/A	12/10/08 14:28	NMM	E081210A
4-isopropyltoluene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/10/08 14:28	NMM	E081210A
Methylene chloride	<3.0	3.0		μg/L	1.0	SW8260B	N/A	12/10/08 14:28	NMM	E081210A
4-Methyl-2-pentanone	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 14:28	NMM	E081210A
Methyl tert-butyl ether	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 14:28	NMM	E081210A
Naphthalene	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 14:28	NMM	E081210A
n-Propylbenzene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/10/08 14:28	NMM	E081210A
Styrene	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 14:28	NMM	E081210A
1,1,1,2-Tetrachioroethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 14:28	NMM	E081210A
1,1,2,2-Tetrachloroethane	<0.50			μg/L	1.0	SW8260B	N/A	12/10/08 14:28	NMM	E081210A
Tetrachloroethene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 14:28	NMM	E081210A
Toluene	<2.0			µg/L	1.0	SW8260B	N/A	12/10/08 14:28	NMM	E081210A
1,2,3-Trichlorobenzene	<5.0			µg/L	1.0	SW8260B	N/A	12/10/08 14:28	NMM	E081210A
1,2,4-Trichlorobenzene	<5.0			μg/L	1.0	SW8260B	N/A	12/10/08 14:28	NMM	E081210A
1,1,1-Trichloroethane	<0.50			μg/L	1.0	SW8260B	N/A	12/10/08 14:28	NMM	E081210A
1,1,2-Trichloroethane	<0.50			µg/L	1.0	SW8260B	N/A	12/10/08 14:28	NMM	E081210A
Trichloroethene	<0.50			μg/L	1.0	SW8260B	N/A	12/10/08 14:28	NMM	E081210A
Frichlorofluoromethane	<2.0			hã/r	1.0	SW8260B	N/A	12/10/08 14:28	NMM	E081210A
1,2,3-Trichloropropane	<1.0			µg/L	1.0	SW8260B	N/A	12/10/08 14:28	NMM	E081210A
1,2,4-Trimethylbenzene	<2.0			μg/L	1.0	SW8260B	N/A	12/10/08 14:28	NMM	E081210A
1,3,5-Trimethylbenzene	<1.5			µg/L	1.0	SW8260B	N/A	12/10/08 14:28	NMM	E081210A
/inyl acetate	<5.0			µg/L	1.0	SW8260B	N/A	12/10/08 14:28	NMM	E081210A
/inyl chloride	<0.50			μg/L	1.0	SW8260B	N/A	12/10/08 14:28	NMM	E081210A
Kylenes, Total	<3.0			ha\r ha\r	1.0	SW8260B	N/A	12/10/08 14:28	NMM	E081210A
l-Bromofluorobenzene(Surrogate)		57-130		%REC	1.0	SW8260B	N/A	12/10/08 14:28	NMM	E081210A
Dibromofluoromethane(Surrogate)		51-129		%REC	1.0	SW8260B	N/A	12/10/08 14:28	NMM	E081210A
I,2-Dichloroethane-d4(Surrogate)		44-137		%REC	1.0	SW8260B	N/A	12/10/08 14:28	NMM	E081210A
Toluene-d8(Surrogate)		58-130		%REC	1.0	SW8260B	N/A	12/10/08 14:28	NMM	E081210A
		PRE	P METHOD:	SW5030B				. /	Test Per	formed By: AZ0133
Remofluorohenzene (Surregato)	04	70.420		9/ DEC	1.0	014/00450	<b>A</b> 1 4 A	4040000 4 00		·
Bromofluorobenzene(Surrogate) C6-C10 GRO	81 <200		T5	%REC µg/L	1.0 1.0	SW8015D SW8015D	N/A N/A	12/12/08 4:20 12/12/08 4:20		FUELS3_081211A FUELS3_081211A
	~200	200	10	HA/r	1.0	07700100	1N/P1	(A) 12/00 4.20	201	ULLUU_U01211A



License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08120130

Lab ID:

08120130-12

**Project Name:** 

Bond & Bond

**Project Number: 3917783** 

Client Sample ID: MW-16

Collection Date: 12/5/2008 2:27:00 PM

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Batch ID
		PRE	P METHOD:	SW3510C	· · · · · · · · · · · · · · · · · · ·		7/1/		Test Perfo	rmed By: AZ0133
C13-C22 DRO	<100	100	T5	μg/L	1.0	8015B	12/11/08	12/13/08 0:10	UP	2144
C23-C32 ORO	<100	100	T5	μg/L	1.0	8015B	12/11/08	12/13/08 0:10	UP	2144
o-Terphenyl(Surrogate)	80	42-127		%REC	1.0	8015B	12/11/08	12/13/08 0:10	UP	2144
		PR	EP METHOD	: NONE			With an artist and a second and		Test Perfo	rmed By: AZ0133
1,2-Dibromoethane (EDB)	<0.0096	0.0096		µg/L	0.96	EPA8011	12/15/08	12/17/08 7:39	DW	2173
1,2-Dibromo-3-chloropropane (DBCP)	<0.0096	0.0096		µg/L	0.96	EPA8011	12/15/08	12/17/08 7:39	DW	2173
77.648.		PRE	P METHOD:	SW5030B				<del></del>	Test Perfo	rmed By: AZ0133
Acetone	<20	20		μg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
Benzene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
Bromobenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
Bromochloromethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
3romodichloromethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
Bromoform	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
Bromomethane	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
2-Butanone	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
n-Butylbenzene	<2.5	2.5		μg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
sec-Butylbenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
ert-Butylbenzene	<2.5	2.5		μg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
Carbon disulfide	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
Carbon tetrachloride	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
Chlorobenzene	<0.50	0.50	٠	μg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
Dibromochloromethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
Chloroethane	<4.0	4.0		μg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
Chloroform	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
Chloromethane	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
-Chlorotoluene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
-Chlorotoluene	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
,2-Dibromo-3-chloropropane	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
,2-Dibromoethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
Dibromomethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
,2-Dichlorobenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
,3-Dichlorobenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
,4-Dichlorobenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
richlorodifluoromethane	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
,1-Dichloroethane	<1.0	1.0		µg/L	1.0	SW8260B		12/10/08 14:51	NMM	E081210A
,2-Dichloroethane	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
,1-Dichloroethene	<0.50	0.50		µg/L	1.0	SW8260B			NMM	E081210A
is-1,2-Dichloroethene	<0.50	0.50		µg/L	1.0	SW8260B	N/A		NMM	E081210A



License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order: Lab ID: 08120130 08120130-12

**Project Name:** 

Bond & Bond

Project Number: 3917783

Client Sample ID: MW-16

**Collection Date:** 12/5/2008 2:27:00 PM

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
trans-1,2-Dichloroethene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
1,2-Dichloropropane	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
1,3-Dichloropropane	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
2,2-Dichloropropane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
1,1-Dichloropropene	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
cis-1,3-Dichloropropene	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
trans-1,3-Dichloropropene	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
Ethylbenzene	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
Hexachlorobutadiene	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
2-Hexanone	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
lodomethane	<2.0	2.0		` μg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
Isopropylbenzene	<2.5	2.5		μg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
4-Isopropyltoluene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
Methylene chloride	<3.0	3.0		μg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
4-Methyl-2-pentanone	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
Methyl tert-butyl ether	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
Naphthalene	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
n-Propylbenzene	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
Styrene	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
1,1,1,2-Tetrachioroethane	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
1,1,2,2-Tetrachloroethane	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
Tetrachloroethene	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
Toluene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
1,2,3-Trichlorobenzene	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
1,2,4-Trichlorobenzene	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
1,1,1-Trichloroethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
1,1,2-Trichloroethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
Trichloroethene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
Trichlorofluoromethane	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
1,2,3-Trichloropropane	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
1,2,4-Trimethylbenzene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
1,3,5-Trimethylbenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
Vinyl acetate	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
Vinyl chloride	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
Xylenes, Total	<3.0	3.0		μg/L	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
4-Bromofluorobenzene(Surrogate)	95	57-130		%REC	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
Dibromofluoromethane(Surrogate)		51-129		%REC	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
1,2-Dichloroethane-d4(Surrogate)	86	44-137		%REC	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
Toluene-d8(Surrogate)		58-130		%REC	1.0	SW8260B	N/A	12/10/08 14:51	NMM	E081210A
	Paramita II	PREI	P METHOD:	SW5030B		····	· ////////////////////////////////////			ormed By: AZ0133
Bromofluorobenzene(Surrogate)	77	70-130		%REC	1.0	SW8015D	N/A	12/12/08 4:55	ZDP F	UELS3_081211A
C6-C10 GRO	<200	200	T5	µg/L	1.0	SW8015D	N/A	12/12/08 4:55		UELS3_081211A



License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order: Lab ID: 08120130

Project Name:

08120130-13

Trojectivanie.

Bond & Bond

Project Number: 3917783

Client Sample ID: MW-17

nem sample in. 1914-17

**Collection Date:** 12/5/2008 1:25:00 PM

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Batch ID
							Tropared	Anaryzed	ZMIaiyst	Daten ID
		PRE	P METHOD:	SW3510C					Test Perfo	rmed By: AZ0133
C13-C22 DRO	<100	100	T5	μg/L	1.0	8015B	12/11/08	12/13/08 0:53	UP	2144
C23-C32 ORO	<100	100	T5	µg/L	1.0	8015B	12/11/08	12/13/08 0:53	UP	2144
o-Terphenyl(Surrogate)	81	42-127		%REC	1.0	8015B	12/11/08	12/13/08 0:53	UP	2144
		PR	EP METHOD	: NONE					Test Perfo	rmed By: AZ0133
1,2-Dibromoethane (EDB)	<0.0096	0.0096		μg/L	0.96	EPA8011	12/15/08	12/17/08 8:11	DW	2173
1,2-Dibromo-3-chloropropane (DBCP)	<0.0096	0.0096		µg/L	0.96	EPA8011	12/15/08	12/17/08 8:11	DW	2173
**************************************		PREI	P METHOD:	SW5030B					Test Perfo	rmed By: AZ0133
Acetone	<20	20		μg/L	. 1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
Benzene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
Bromobenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
Bromochloromethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
Bromodichloromethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
Bromoform	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
Bromomethane	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
2-Butanone	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
n-Butylbenzene	<2.5	2.5		μg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
sec-Butylbenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
tert-Butylbenzene	<2.5	2.5		μg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
Carbon disulfide	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
Carbon tetrachloride	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
Chlorobenzene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
Dibromochioromethane	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
Chloroethane	<4.0	4.0		μg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
Chloreform	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
Chloromethane	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
2-Chlorotoluene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
4-Chlorotoluene	<2.0	2.0	•	µg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
1,2-Dibromo-3-chloropropane	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
1,2-Dibromoethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
Dibromomethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
1,2-Dichlorobenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
1,3-Dichlorobenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
1,4-Dichlorobenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
Dichlorodifluoromethane	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
1,1-Dichloroethane	<1.0	1.0		µg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
1,2-Dichloroethane	<1.0	1.0		µg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
1,1-Dichloroethene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
cis-1,2-Dichloroethene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A



License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08120130

Lab ID:

08120130-13

Project Name:

Bond & Bond

Project Number: 3917783

Client Sample ID: MW-17

Collection Date: 12/5/2008 1:25:00 PM

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
trans-1,2-Dichloroethene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
1,2-Dichloropropane	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
1,3-Dichloropropane	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
2,2-Dichloropropane	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
1,1-Dichloropropene	<1.0	1.0		µg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
cis-1,3-Dichloropropene	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
trans-1,3-Dichloropropene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
Ethylbenzene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
Hexachlorobutadiene	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
2-Hexanone	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
lodomethane	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
Isopropylbenzene	<2.5	2.5		µg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
4-Isopropyltoluene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
Methylene chloride	<3.0	3.0		μg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
4-Methyl-2-pentanone	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
Methyl tert-butyl ether	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
Naphthalene	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
n-Propylbenzene	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
Styrene	<1.0	1.0		µg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
1,1,1,2-Tetrachloroethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
1,1,2,2-Tetrachloroethane	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
Tetrachloroethene	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
Toluene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
1,2,3-Trichlorobenzene	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
1,2,4-Trichlorobenzene	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
1,1,1-Trichloroethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
1,1,2-Trichloroethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
Trichloroethene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
Trichlorofluoromethane	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
1,2,3-Trichloropropane	<1.0	1.0		µg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
1,2,4-Trimethylbenzene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
1,3,5-Trimethylbenzene	<1.5	1.5	•	µg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
Vinyl acetate	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
Vinyl chloride	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
Xylenes, Total	<3.0	3.0		µg/L	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
4-Bromofluorobenzene(Surrogate)	95	57-130		%REC	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
Dibromofluoromethane(Surrogate)	92	51-129		%REC	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
1,2-Dichloroethane-d4(Surrogate)	86	44-137		%REC	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
Toluene-d8(Surrogate)	99	58-130		%REC	1.0	SW8260B	N/A	12/10/08 15:13	NMM	E081210A
	~~~	PRE	P METHOD:	SW5030B					Test Perf	ormed By: AZ0133
Bromofluorobenzene(Surrogate)	79	70-130		%REC	1.0	SW8015D	N/A	12/12/08 5:30	ZDP F	UELS3_081211A
C6-C10 GRO	<200	200	T5	µg/L	1.0	SW8015D	N/A	12/12/08 5:30		UELS3_081211A



License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08120130

Lab ID:

08120130-14

Project Name:

Bond & Bond

Collection Date: 12/5/2008 2:40:00 PM

Matrix: Water

Client Sample ID: MW-18

Project Number: 3917783										
						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	P

Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
		PRE	P METHOD:	SW3510C		***************************************			Test Perfo	ormed By: AZ0133
C13-C22 DRO	<100	100	T5	µg/L	1.0	8015B	12/11/08	12/13/08 1:36	UP	2144
C23-C32 ORO	<100	100	T5	μg/L	1.0	8015B	12/11/08	12/13/08 1:36	UP	2144
o-Terphenyl(Surrogate)	86	42-127		%REC	1.0	8015B	12/11/08	12/13/08 1:36	UP	2144
		PR	EP METHOD	NONE					Test Perfo	rmed By: AZ0133
1,2-Dibromoethane (EDB)	<0.0095	0.0095		μg/L	0.95	EPA8011	12/15/08	12/17/08 8:38	DW	2173
1,2-Dibromo-3-chloropropane (DBCP)	<0.0095	0.0095		µg/L	0.95	EPA8011	12/15/08	12/17/08 8:38	DW	2173
		PREI	P METHOD:	SW5030B	***************************************				Test Perfo	rmed By: AZ0133
Acetone	<20	20		µg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
Benzene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
Bromobenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
Bromochloromethane	<0.50	0.50	*	μg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
Bromodichloromethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
Bromoform	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
Bromomethane	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
2-Butanone	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
n-Butylbenzene	<2.5	2.5		μg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
sec-Butylbenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
tert-Butylbenzene	<2.5	2.5		μg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
Carbon disulfide	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
Carbon tetrachloride	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
Chlorobenzene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
Dibromochloromethane	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
Chloroethane	<4.0	4.0		μg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
Chloroform	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
Chloromethane	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
2-Chlorotoluene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
4-Chlorotoluene	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
1,2-Dibromo-3-chloropropane	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
1,2-Dibromoethane	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
Dibromomethane	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
1,2-Dichlorobenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
1,3-Dichlorobenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
1,4-Dichlorobenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
Dichlorodifluoromethane	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
1,1-Dichloroethane	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
1,2-Dichloroethane	<1.0	1.0		µg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
1,1-Dichloroethene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
cis-1,2-Dichloroethene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A E081210A
on the monacionations	10.00	0.50		h8/r	1.0	34402000	N/A	12/10/06 15:36	NWW	EU8121UA



License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08120130

Lab ID:

08120130-14

Project Name:

Bond & Bond

Project Number: 3917783

Client Sample ID: MW-18

Collection Date: 12/5/2008 2:40:00 PM

						Test	Date	Date		i
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analys	Batch ID
trans-1,2-Dichloroethene	<0.50	0.50		μg/L	1.0	SW82608	N/A	12/10/08 15:36	NMM	E081210A
1,2-Dichloropropane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
1,3-Dichloropropane	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
2,2-Dichloropropane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
1,1-Dichloropropene	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
cis-1,3-Dichloropropene	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
trans-1,3-Dichloropropene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
Ethylbenzene	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
Hexachlorobutadiene	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
2-Hexanone	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
lodomethane	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
Isopropylbenzene	<2.5	2.5		μg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
4-Isopropyltoluene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
Methylene chloride	<3.0	3.0		μg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
4-Methyl-2-pentanone	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
Methyl tert-butyl ether	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
Naphthalene	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
n-Propylbenzene	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
Styrene	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
1,1,1,2-Tetrachloroethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
1,1,2,2-Tetrachioroethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
Tetrachloroethene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
Toluene	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
1,2,3-Trichlorobenzene	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
1,2,4-Trichlorobenzene	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
1,1,1-Trichloroethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
1,1,2-Trichloroethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
Trichloroethene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
Trichlorofluoromethane	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
1,2,3-Trichloropropane	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
1,2,4-Trimethylbenzene	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
1,3,5-Trimethylbenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
Vinyl acetate	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
Vinyl chloride	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
Xylenes, Total	<3.0	3.0		µg/L	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
4-Bromofluorobenzene(Surrogate)	95	57-130		%REC	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
Dibromofluoromethane(Surrogate)		51-129		%REC	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
1,2-Dichloroethane-d4(Surrogate)		44-137		%REC	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
Toluene-d8(Surrogate)		58-130		%REC	1.0	SW8260B	N/A	12/10/08 15:36	NMM	E081210A
,—————————————————————————————————————		PRE	P METHOD:	SW5030B			· · · · · · · · · · · · · · · · · · ·		Test Pen	formed By: AZ0133
Bromofluorobenzene(Surrogate)	79	70-130		%REC	1.0	SW8015D	N/A	12/15/08 17:58	ZDP	FUELS3_081215A
C6-C10 GRO	<200	200	T5	μg/L · ·	1.0	SW8015D	N/A	12/15/08 17:58		- FUELS3_081215A



License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08120130

Lab ID:

08120130-15

Project Name:

Bond & Bond

Project Number: 3917783

Client Sample ID: MW-21

Collection Date: 12/5/2008 10:03:00 AM

						Test	Date	Date		a e
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
		PRE	P METHOD:	SW3510C			WW-941//**	Policida Asses	Test Perfo	ormed By: AZ0133
C13-C22 DRO	200	100	T5	μg/L	1.0	8015B	12/12/08	12/13/08 8:04	UP	2151
C23-C32 ORO	<100	100	T5	µg/L	1.0	8015B	12/12/08	12/13/08 8:04	UP	2151
o-Terphenyl(Surrogate)	88	42-127		%REC	1.0	8015B	12/12/08	12/13/08 8:04	UP	2151
		PR	EP METHOL	: NONE			***************************************		Test Perfo	ormed By: AZ0133
1,2-Dibromoethane (EDB)	<0.010	0.010		µg/L	1.0	EPA8011	12/15/08	12/17/08 9:10	DW	2173
1,2-Dibromo-3-chloropropane (DBCP)	<0.010	0.010		µg/L	1.0	EPA8011	12/15/08	12/17/08 9:10	DW	2173
		PRE	P METHOD:	SW5030B					Test Perfo	rmed By: AZ0133
Acetone	<20	20		μg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
Benzene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
Bromobenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
Bromochloromethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
Bromodichloromethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
Bromoform	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
Bromomethane	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
2-Butanone	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
n-Butylbenzene	<2.5	2.5		μg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
sec-Butylbenzene	16	1.5		µg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
tert-Butylbenzene	<2.5	2.5		µg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
Carbon disulfide	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
Carbon tetrachloride	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
Chlorobenzene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
Dibromochloromethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
Chloroethane	<4.0	4.0		µg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
Chloroform	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
Chloromethane	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
2-Chlorotoluene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
4-Chlorotoluene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
1,2-Dibromo-3-chloropropane	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
1,2-Dibromoethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
Dibromomethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
1,2-Dichlorobenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
1,3-Dichlorobenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
1,4-Dichlorobenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
Dichlorodifluoromethane	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
1,1-Dichloroethane	<1.0	1.0		µg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
1,2-Dichloroethane	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
1,1-Dichloroethene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
cis-1,2-Dichloroethene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A



License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08120130

Lab ID:

08120130-15

Project Name:

Bond & Bond

Project Number: 3917783

Client Sample ID: MW-21

nent bample ib. 141 w -2.1

Collection Date: 12/5/2008 10:03:00 AM

		٠.				Test	Date	Date		***
Analyte	Result	PQI	L Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
trans-1,2-Dichloroethene	<0.50	0.50		μg/Ľ	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
1,2-Dichloropropane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
1,3-Dichloropropane	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
2,2-Dichloropropane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
1,1-Dichloropropene	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
cis-1,3-Dichloropropene	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
trans-1,3-Dichloropropene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
Ethylbenzene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
Hexachlorobutadiene	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
2-Hexanone	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
iodomethane	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
Isopropylbenzene	19	2.5		μg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
4-Isopropyltoluene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
Methylene chloride	<3.0	3.0		μg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
4-Methyl-2-pentanone	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
Methyl tert-butyl ether	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
Naphthalene	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
n-Propylbenzene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
Styrene	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
1,1,1,2-Tetrachloroethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
1,1,2,2-Tetrachloroethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
Tetrachloroethene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
Toluene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
1,2,3-Trichlorobenzene	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
1,2,4-Trichlorobenzene	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
1,1,1-Trichloroethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
1,1,2-Trichloroethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
Trichloroethene	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
Trichlorofluoromethane	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
1,2,3-Trichloropropane	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
1,2,4-Trimethylbenzene	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
1,3,5-Trimethylbenzene	<1.5	1.5		μg/L	1.0	SW82608	N/A	12/10/08 15:58	NMM	E081210A
Vinyl acetate	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
Vinyl chloride	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
Xylenes, Total	<3.0	3.0		µg/L	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
4-Bromofluorobenzene(Surrogate)	100	57-130		%REC	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
Dibromofluoromethane(Surrogate)	91	51-129		%REC	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
1,2-Dichloroethane-d4(Surrogate)	. 86	44-137		%REC	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
Toluene-d8(Surrogate)	101	58-130		%REC	1.0	SW8260B	N/A	12/10/08 15:58	NMM	E081210A
		PR	REP METHOD:	SW5030B			***************************************		Test Perfe	ormed By: AZ0133
Bromofluorobenzene(Surrogate)	132	70-130	S10	%REC	1.0	SW8015D	N/A	12/16/08 0:39	ZDP F	UELS3_081215A
C6-C10 GRO	1200	200	T5	μġ/L	1.0	SW8015D	N/A	12/16/08 0:39		UELS3_081215A
				,	-			·		



License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order: Lab ID:

08120130

08120130-16

Project Name:

Bond & Bond

Project Number: 3917783

Client Sample ID: MW-22

Collection Date: 12/5/2008 1:55:00 PM

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Batch ID
		PRE	P METHOD:	SW3510C					Test Perfo	rmed By: AZ0133
C13-C22 DRO	<100	100	T5	μg/L	1.0	8015B	12/12/08	12/13/08 8:47	UP	2151
C23-C32 ORO	<100	100	T5	μg/L	1.0	8015B	12/12/08	12/13/08 8:47	UP	2151
o-Terphenyl(Surrogate)	85	42-127	-	%REC	1.0	8015B	12/12/08	12/13/08 8:47	UP	2151
		PF	REP METHOD	NONE				***************************************	Test Perfo	rmed By: AZ0133
1,2-Dibromoethane (EDB)	<0.0096	0.0096		μg/L	0.96	EPA8011	12/15/08	12/17/08 9:43	DW	2173
1,2-Dibromo-3-chloropropane (DBCP)	<0.0096	0.0096		µg/L	0.96	EPA8011	12/15/08	12/17/08 9:43	DW	2173
		PRE	P METHOD:	SW5030B	· · · · · · · · · · · · · · · · · · ·		·		Test Perfo	rmed By: AZ0133
Acetone	<20	20		μg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
Benzene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
Bromobenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
Bromochloromethane	<0.50	0.50		μ g/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
Bromodichloromethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
3romoform	<1.0	1.0		µg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
Bromomethane	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
2-Butanone	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
n-Butylbenzene	<2.5	2.5		μg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
sec-Butylbenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
ert-Butylbenzene	<2.5	2.5		μg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
Carbon disulfide	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
Carbon tetrachloride	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
Chlorobenzene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
Dibromochloromethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
Chloroethane	<4.0	4.0		μg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
Chloroform	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
Chloromethane	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
2-Chlorotoluene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
1-Chlorotoluene	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
,2-Dibromo-3-chloropropane	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
I,2-Dibromoethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
Dibromomethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
,2-Dichlorobenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
,3-Dichlorobenzene	<1.5	1.5	٠	µg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
,4-Dichlorobenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
Dichlorodifluoromethane	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
,1-Dichloroethane	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
,2-Dichloroethane	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
,1-Dichloroethene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
is-1,2-Dichloroethene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A



License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08120130

Lab ID:

08120130-16

Project Name:

Bond & Bond

Project Number: 3917783

Client Sample ID: MW-22

Collection Date: 12/5/2008 1:55:00 PM

		· .				Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
trans-1,2-Dichloroethene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
1,2-Dichloropropane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
1,3-Dichloropropane	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
2,2-Dichloropropane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
1,1-Dichloropropene	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
cis-1,3-Dichloropropene	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
trans-1,3-Dichloropropene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
Ethylbenzene	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
Hexachlorobutadiene	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
2-Hexanone	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
lodomethane	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
Isopropylbenzene	<2.5	2.5		μg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
4-isopropyltoluene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
Methylene chloride	<3.0	3.0		μg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
4-Methyl-2-pentanone	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
Methyl tert-butyl ether	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
Naphthalene	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
n-Propylbenzene	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
Styrene	<1.0	1.0		µg/∟	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
1,1,1,2-Tetrachloroethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
1,1,2,2-Tetrachloroethane	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
Tetrachloroethene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
Toluene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
1,2,3-Trichlorobenzene	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
1,2,4-Trichlorobenzene	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
1,1,1-Trichloroethane	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
1,1,2-Trichloroethane	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
Trichloroethene	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
Trichlorofluoromethane	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
1,2,3-Trichloropropane	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
1,2,4-Trimethylbenzene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
1,3,5-Trimethylbenzene	<1.5	1.5		µg/L	1.0	SW8260B	- N/A	12/10/08 16:21	NMM	E081210A
Vinyl acetate	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
Vinyl chloride	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
Xylenes, Total	<3.0	3.0		µg/L	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
4-Bromofluorobenzene(Surrogate)	96	57-130		%REC	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
Dibromofluoromethane(Surrogate)	92	51-129		%REC	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
1,2-Dichloroethane-d4(Surrogate)	85	44-137		%REC	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
Toluene-d8(Surrogate)	100	58-130		%REC	1.0	SW8260B	N/A	12/10/08 16:21	NMM	E081210A
		PREI	P METHOD:	SW5030B					Test Perf	ormed By: AZ0133
Bromofluorobenzene(Surrogate)	81	70-130		%REC	1.0	SW8015D	N/A	12/15/08 19:07	ZDP F	UELS3_081215A
C6-C10 GRO	<200	200	T5	µg/L	1.0	SW8015D	N/A	12/15/08 19:07		UELS3_081215A



License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08120130

Lab ID:

08120130-17

Project Name:

Bond & Bond

Project Number: 3917783

Client Sample ID: Trip Blank

Matrix: Water

Collection Date: 12/5/2008 9:33:00 AM

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Batch ID
		PR	EP METHOD:	NONE						rmed By: AZ0133
4.0 Dikumanakana (EDD)	-0.0000	0.0000		P.	2.00	FD 10044	40/45/00	104700404		·
1,2-Dibromoethane (EDB) 1,2-Dibromo-3-chloropropane (DBCP)	<0.0098 <0.0098			μg/L	0.98	EPA8011 EPA8011	12/15/08 12/15/08	12/17/08 10:17	DW	2173
1,2-bibliottio-3-chilotoproparie (bbor)	~0.0098	0.0090		µg/L	0.98	EFAOUL	12/10/06	12/17/08 10:17	DW	2173
		PREI	P METHOD: 3	SW5030B					Test Perfo	rmed By: AZ0133
Acetone	<20	20		µg/L	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
Benzene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
Bromobenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
Bromochloromethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
Bromodichloromethane	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
Bromoform	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
Bromomethane	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
2-Butanone	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
n-Butylbenzene	<2.5	2.5		µg/L	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
sec-Butylbenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
tert-Butylbenzene	<2.5	2.5		µg/L	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
Carbon disulfide	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
Carbon tetrachloride	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
Chlorobenzene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
Dibromochloromethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
Chloroethane	<4.0	4.0		μg/L	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
Chioroform	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
Chioromethane	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
2-Chlorotoluene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
4-Chlorotoluene	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
1,2-Dibromo-3-chloropropane	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
1,2-Dibromoethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
Dibromomethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
1,2-Dichlorobenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
1,3-Dichlorobenzene	<1.5	1.5		µg/L µg/L	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
1,4-Dichlorobenzene	<1.5	1.5			1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
Dichlorodifluoromethane	<2.0	2.0		Hg/L	1.0	SW8260B	N/A	12/11/08 11:21		E81211A
1,1-Dichloroethane	<1.0	1.0		µg/L	1.0	SW8260B	N/A		NMM	
1,2-Dichloroethane	<1.0			µg/L		SW8260B		12/11/08 11:21 12/11/08 11:21	NMM	E81211A
1,1-Dichloroethene		1.0		µg/L	1.0		N/A		NMM	E81211A
,	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
cis-1,2-Dichloroethene trans-1,2-Dichloroethene	<0.50	0.50		µg/L	1.0	SW8260B	N/A N/A	12/11/08 11:21	NMM	E81211A
'	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
1,2-Dichloropropane	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
1,3-Dichloropropane	<1.0	1.0		µg/L	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
2,2-Dichloropropane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
1,1-Dichloropropene	<1.0	1.0		µg/L 	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
cis-1,3-Dichloropropene	<1.0	1.0		µg/L	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A



License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08120130

Lab ID:

08120130-17

Project Name:

Bond & Bond

Project Number: 3917783

Client Sample ID: Trip Blank

Collection Date: 12/5/2008 9:33:00 AM

u.				. *		Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
trans-1,3-Dichloropropene	<0.50	0.50		μg/L	1.0	SW8260B	N/A `	12/11/08 11:21	NMM	E81211A
Ethylbenzene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
Hexachlorobutadiene	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
2-Hexanone	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
lodomethane	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
isopropylbenzene	<2.5	2.5		μg/L	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
4-isopropyitoluene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
Methylene chloride	<3.0	3.0		µg/L	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
4-Methyl-2-pentanone	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
Methyl tert-butyl ether	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
Naphthalene	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
n-Propylbenzene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
Styrene	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
1,1,1,2-Tetrachloroethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
1,1,2,2-Tetrachloroethane	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
Tetrachloroethene	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
Toluene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
1,2,3-Trichlorobenzene	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
1,2,4-Trichlorobenzene	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
1,1,1-Trichloroethane	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
1,1,2-Trichloroethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
Trichloroethene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
Trichlorofluoromethane	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
1,2,3-Trichloropropane	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
1,2,4-Trimethylbenzene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
1,3,5-Trimethylbenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
Vinyl acetate	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
Vinyi chloride	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
Xylenes, Total	<3.0	3.0		µg/L	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
4-Bromofluorobenzene(Surrogate)	96	57-130		%REC	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
Dibromofluoromethane(Surrogate)	94	51-129		%REC	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
1,2-Dichloroethane-d4(Surrogate)	. 88	44-137		%REC	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A
Toluene-d8(Surrogate)	100	58-130		%REC	1.0	SW8260B	N/A	12/11/08 11:21	NMM	E81211A



06-Jan-09

License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08120130

Project: 8 8 9 120130 8 9 17783

QC SUMMARY REPORT

Method Blank

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Batch ID
C13-C22 DRO	<100	100	T 5	μg/L	1	8015B	12/11/08	12/12/08 10:29	UP	2144
C23-C32 ORO	<100	100	T5	μg/L	1	8015B	12/11/08	12/12/08 10:29	UP	2144
o-Terphenyl	89	42-127		%REC	1	8015B	12/11/08	12/12/08 10:29	UP	2144
C13-C22 DRO	<100	100	T5	μg/L	1	8015B	12/12/08	12/13/08 5:54	UP	2151
C23-C32 ORO	<100	100	T 5	μg/L	1	8015B	12/12/08	12/13/08 5:54	UP	2151
o-Terphenyl	92	42-127		%REC	1	8015B	12/12/08	12/13/08 5:54	UP	2151
1,2-Dibromoethane (EDB)	<0.010	0.010		µg/L	1	EPA8011	12/15/08	12/16/08 23:29	DW	2173
1,2-Dibromo-3-chloropropane (DBCP)	<0.010	0.010		µg/L	1	EPA8011	12/15/08	12/16/08 23:29	DW	2173



Date

06-Jan-09

License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

PQL

Quai

Units

Work Order:

08120130

Project:

Analyte

Bond & Bond/3917783

Result

QC SUMMARY REPORT

Method Blank Analyzed Analyst Batch ID NMM E81211A

Acetone	<20	20	μg/L	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
Benzene	< 0.50	0.50	μg/L	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
Bromobenzene	<1.5	1.5	μg/L	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
Bromochloromethane	< 0.50	0.50	µg/∟	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
Bromodichloromethane	< 0.50	0.50	µg/L	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
Bromoform	<1.0	1.0	μg/L	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
Bromomethane	<5.0	5.0	µg/L	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
2-Butanone	<5.0	5.0	µg/L	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
n-Butylbenzene	<2.5	2.5	μg/L	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
sec-Butylbenzene	<1.5	1.5	µg/L	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
tert-Butylbenzene	<2.5	2.5	μg/L	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
Carbon disulfide	< 0.50	0.50	µg/L	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
Carbon tetrachloride	< 0.50	0.50	µg/L	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
Chlorobenzene	< 0.50	0.50	µg/L	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
Dibromochloromethane	<0.50	0.50	μg/L	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
Chloroethane	<4.0	4.0	µg/L	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
Chloroform	<0.50	0.50	µg/L	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
Chloromethane	<5.0	5.0	µg/L	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
2-Chlorotoluene	<1.5	1.5	hâ\r	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
4-Chlorotoluene	<2.0	2.0	µg/∟	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
1,2-Dibromo-3-chloropropane	<2.0	2.0	μg/L	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
1,2-Dibromoethane	< 0.50	0.50	μg/L	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
Dibromomethane	<0.50	0.50	µg/L	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
1,2-Dichlorobenzene	<1.5	1.5	µg/∟	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
1,3-Dichlorobenzene	<1.5	1.5	µg/∟	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
1,4-Dichlorobenzene	<1.5	1.5	μg/L	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
Dichlorodifluoromethane	<2.0	2.0	µg/L	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
1,1-Dichloroethane	<1.0	1.0	µg/L	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
1,2-Dichloroethane	<1.0	1.0	µg/L	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
1,1-Dichloroethene	<0.50	0.50	μg/L	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
cis-1,2-Dichloroethene	<0.50	0.50	μg/L	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
trans-1,2-Dichloroethene	<0.50	0.50	μg/L	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
1,2-Dichloropropane	<0.50	0.50	µg/L	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
1,3-Dichloropropane	<1.0	1.0	μg/L	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
2,2-Dichloropropane	<0.50	0.50	µg/L	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
1,1-Dichloropropene	<1.0	1.0	μg/L	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
cis-1,3-Dichloropropene	<1.0	1.0	μg/L	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
trans-1,3-Dichloropropene	<0.50	0.50	µg/L	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
Ethylbenzene	<2.0	2.0	μg/L	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
Hexachlorobutadiene	<5.0	5.0	µg/L	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
2-Hexanone	<5.0	5.0	µg/L	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
lodomethane	<2.0	2.0	µg/L	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
Isopropylbenzene	<2.5	2.5	μg/L	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
4-Isopropyltoluene	<1.5	1.5	ha\r ha\r	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
Methylene chloride	<3.0	3.0	ħâ\ŗ ₩â\r	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
	~0.0	3.0	. PAIr	. '	01102000	IWA.	12/11/00 0.00	INIVIIVI	EOIZIIA

Test

Code

DF

Date

Prepared



06-Jan-09

License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08120130

Project: Bond & Bond/3917783

QC SUMMARY REPORT

Method Blank

			***************************************		·····	Test	Date	Date		
Analyte.	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
4-Methyl-2-pentanone	<5.0	5.0		µg/L	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
Methyl tert-butyl ether	<2.0	2.0		μg/L	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
Naphthalene	<5.0	5.0		μg/L	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
n-Propylbenzene	<2.0	2.0		μg/L	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
Styrene	<1.0	1.0		μg/L	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
1,1,1,2-Tetrachloroethane	< 0.50	0.50		μg/L	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
1,1,2,2-Tetrachloroethane	< 0.50	0.50		μg/L	1	SW8260B	N/A	12/11/08 B:05	NMM	E81211A
Tetrachloroethene	< 0.50	0.50		µg/L	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
Toluene	<2.0	2.0		µg/L	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
1,2,3-Trichlorobenzene	<5.0	5.0		µg/L	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
1,2,4-Trichlorobenzene	<5.0	5.0		μg/L	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
1,1,1-Trichloroethane	< 0.50	0.50		µg/L	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
1,1,2-Trichloroethane	< 0.50	0.50		µg/L	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
Trichloroethene	< 0.50	0.50		μg/L	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
Trichlorofluoromethane	<2.0	2.0		μg/L	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
1,2,3-Trichloropropane	<1.0	1.0		µg/L	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
1,2,4-Trimethylbenzene	<2.0	2.0		μg/L	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
1,3,5-Trimethylbenzene	<1.5	1.5		μg/L	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
Vinyl acetate	<5.0	5.0		μg/L	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
Vinyl chloride	< 0.50	0.50		μg/L	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
Xylenes, Total	<3.0	3.0		μg/L	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
4-Bromofluorobenzene	95	57-130		%REC	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
Dibromofluoromethane	92	51-129		%REC	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
1,2-Dichloroethane-d4	86	44-137		%REC	1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A
Toluene-d8	100	58-130		%REC	.1	SW8260B	N/A	12/11/08 8:05	NMM	E81211A



06-Jan-09

License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08120130

Project: Bond & Bond/3917783

QC SUMMARY REPORT

Method Blank

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Acetone	<20	20		µg/L	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
Benzene	< 0.50	0.50		µg/L	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
Bromobenzene	<1,5	1.5		µg/L	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
Bromochloromethane	< 0.50	0.50		µg/L	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
Bromodichloromethane	< 0.50	0.50		μg/L	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
Bromoform	<1.0	1.0		μg/L	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
Bromomethane	<5.0	5.0		μg/L	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
2-Butanone	<5.0	5.0		µg/L	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
n-Butylbenzene	<2.5	2.5		μg/L	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
sec-Butylbenzene	<1.5	1.5		μg/L	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
tert-Butylbenzene	<2.5	2.5		μg/L	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
Carbon disulfide	< 0.50	0.50		μg/L	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
Carbon tetrachloride	<0.50	0.50		μg/L	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
Chlorobenzene	<0.50	0.50		µg/L	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
Dibromochloromethane	<0.50	0.50		µg/L	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
Chloroethane	<4.0	4.0		μg/L	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
Chloroform	<0.50	0.50		μg/L	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
Chioromethane	<5.0	5.0		μg/L	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
2-Chlorotoluene	<1.5	1.5		μg/L	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
4-Chlorotoluene	<2.0	2.0		μg/L	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
1,2-Dibromo-3-chloropropane	<2.0	2.0		μg/L	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
1,2-Dibromoethane	<0.50	0.50		μg/L	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
Dibromomethane	<0.50	0.50		μg/L	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
1,2-Dichlorobenzene	<1.5	1.5		μg/L	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
1,3-Dichlorobenzene	<1.5	1.5		μg/L	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
1,4-Dichlorobenzene	<1.5	1.5		μg/L	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
Dichlorodifluoromethane	<2.0	2.0		μg/L	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
1,1-Dichloroethane	<1.0	1.0		µg/L	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
1,2-Dichloroethane	<1.0	1.0		μg/L	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
1,1-Dichloroethene	<0.50	0.50		μg/L	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
cis-1,2-Dichloroethene	<0.50	0.50		μg/L	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
trans-1,2-Dichloroethene	<0.50	0.50		µg/L	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
1,2-Dichloropropane	<0.50	0.50		μg/L	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
1,3-Dichloropropane	<1.0	1.0		μg/L	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
2,2-Dichloropropane	<0.50	0.50		µg/L	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
1,1-Dichloropropene	<1.0	1.0		μg/L	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
cis-1,3-Dichloropropene	<1.0	1.0		μg/L	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
trans-1,3-Dichloropropene	<0.50	0.50		μg/L	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
Ethylbenzene	<2.0	2.0		µg/L	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
Hexachlorobutadiene	<5.0	5.0		µg/L	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
2-Hexanone	<5.0	5.0		μg/L	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
lodomethane	<2.0	2.0		µg/L	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
Isopropylbenzene	<2.5	2.5		μg/L	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
4-Isopropyltoluene	<1.5	1.5		µg/L	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
Methylene chloride	<3.0	3.0		ha/r	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A



06-Jan-09

Method Blank

License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08120130

Project: B

Bond & Bond/3917783

QC SUMMARY REPORT

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	A malayat	Datak ID
4-Methyl-2-pentanone			Quar			SW8260B			•	Batch ID
Methyl tert-butyl ether	<5.0	5.0		μg/L	1		N/A	12/10/08 8:40	NMM	E081210A
Naphthalene	<2.0	2.0		μg/L	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
n-Propylbenzene	<5.0	5.0		µg/L	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
Styrene	<2.0	2.0		µg/L	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
1,1,1,2-Tetrachloroethane	<1.0	1.0		µg/L	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
	< 0.50	0.50		µg/∟	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
1,1,2,2-Tetrachloroethane	<0.50	0.50		hg/r	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
Tetrachloroethene	<0.50	0.50		μg/L 	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
Toluene	<2.0	2.0		µg/L	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
1,2,3-Trichlorobenzene	<5.0	5.0		μg/L	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
1,2,4-Trichlorobenzene	<5.0	5.0		µg/L	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
1,1,1-Trichloroethane	<0.50	0.50		µg/L	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
1,1,2-Trichloroethane	<0.50	0.50		μg/L	1	SW8260B	NA	12/10/08 8:40	NMM	E081210A
Trichloroethene	<0.50	0.50		µg/L	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
Trichlorofluoromethane	<2.0	2.0		µg/L	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
1,2,3-Trichloropropane	<1.0	1.0		µg/L	, 1	SW8260B	N/A	12/10/08 8:40	MMM	E081210A
1,2,4-Trimethylbenzene	<2.0	2.0		µg/L	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
1,3,5-Trimethylbenzene	<1.5	1.5		μg/L	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
Vinyl acetate	<5.0	5.0		μg/L	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
Vinyl chloride	< 0.50	0.50		μg/L	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
Xylenes, Total	<3.0	3.0		µg/L	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
4-Bromofluorobenzene	97	57-130		%REC	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
Dibromofluoromethane	98	51-129		%REC	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
1,2-Dichloroethane-d4	97	44-137		%REC	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
Toluene-d8	101	58-130		%REC	1	SW8260B	N/A	12/10/08 8:40	NMM	E081210A
C6-C10 GRO	<200	200	T5	µg/L	1	SW8015D	N/A	12/18/08 14:55	ZDP	FUELS3_081218A
Bromofluorobenzene	81	70-130		%REC	1	SW8015D	N/A	12/18/08 14:55	ZDP	FUELS3_081218A
C6-C10 GRO	<200	200	T5	µg/L	1	SW8015D	N/A	12/15/08 15:56	ZDP	FUELS3_081215A
Bromofluorobenzene	81	70-130		%REC	1	SW8015D	N/A	12/15/08 15:56	ZDP	FUELS3_081215A
C6-C10 GRO	<200	200	T5	µg/L	1	SW8015D	N/A	12/11/08 17:22	ZDP	FUELS3_081211A
Bromofluorobenzene	79	70-130		%REC	1	SW8015D	N/A	12/11/08 17:22	ZDP	FUELS3_081211A



06-Jan-09

License No. AZ0133/AZM133

Sample Matrix Spike

CLIENT:

Bristol Environmental & Engineering

Work Order:

08120130

Project: Bond & Bond/3917783 **QC SUMMARY REPORT**

Analyte	4	Result	PQL	SPK value	SPK Ref Val	% Rec	Low Limit	High Limit	RPD % RPD Ref Val RPD Limit	Qual
Sample ID:	08120130-05B-MS	Batch ID: 2144			Test	Code; 8	015B		Date Analyzed: 12/12/08 16:1	-
Client ID:	MW-9				Unit	s: μg/L			Date Prepared: 12/11/08	
C13-C22 DRO	· · ·	1460	100	1000	345	112%	27	171		T5
o-Terphenyl		136	N/A	200	0-10	68%	42	127		
Sample ID:	08120130-05B-MSD	Batch ID: 2144			Test	Code: 8	015B		Date Analyzed: 12/12/08 16:5	8
Client ID:	MW-9				Unit	s: μg/L			Date Prepared: 12/11/08	
C13-C22 DRO		1620	100	1000	345	128%	27	171	1460 10% 20	T5
o-Terphenyl		150	N/A	200		75%	42	127		
Sample ID:	08120131-04B-MS	Batch ID: 2151			Test	Code: 8	015B	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Date Analyzed: 12/13/08 12:2	2
Client ID:		-			Unit	s; μg/L			Date Prepared: 12/12/08	
C13-C22 DRO		1190	100	1000		119%	27	171		T5
o-Terphenyl	тренияль.	186	N/A	200		93%	42	127		
Sample ID:	08120131-04B-MSD	Batch ID: 2151			Test	Code: 8	015B		Date Analyzed: 12/13/08 13:0	5
Client ID:					Unit	s: μg/L			Date Prepared: 12/12/08	
C13-C22 DRO		1130	100	1000		113%	27	171	1190 5% 20	T5
o-Terphenyl		178	N/A	200		89%	42	127		
Sample ID:	08120130-05D-MS	Batch ID: 2173			Test	Code: E	PA8011		Date Analyzed: 12/17/08 03:0	9
Client ID:	MW-9				Units	s: μg/L			Date Prepared: 12/15/08	
1,2-Dibromoeth	nane (EDB)	0.07044 (0.0096	0.09650		73%	60	140		***************************************
1,2-Dibromo-3- (DBCP)	chloropropane	0.08588	0.0096	0.09650		89%	60	140		
Sample ID:	08120130-05D-MSD	Batch ID: 2173			Test	Code: E	PA8011		Date Analyzed: 12/17/08 03:3	7
Client ID:	MW-9				Units	s; μg/L			Date Prepared: 12/15/08	
1,2-Dibromoeth	nane (EDB)	0.05968 ().0095	0.09472		63%	60	140	0.07044 17% 20	
1,2-Dibromo-3- DBCP)	chloropropane	0.07388 ().0095	0.09472		78%	60	140	0.08588 15% 20	



06-Jan-09

License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08120130

Project:

QC SUMMARY REPORT

Sample Matrix Spike Bond & Bond/3917783 SPK SPK % Low High **RPD** % **RPD** Analyte Result POL value Ref Val Rec Limit Limit Ref Val **RPD** Limit Qual Sample ID: 08120130-08C-MS Batch ID: E081210A Test Code: SW8260B Date Analyzed: 12/10/08 11:50 Client ID: MW-12 Units: µg/L Date Prepared: Acetone 28.4 40.0 20 71% 10 173 Benzene 19.2 0.50 20.0 96% 70 130 Bromobenzene 19.1 20.0 1.5 96% 62 120 Bromochloromethane 18.1 0.50 20.0 91% 64 119 Bromodichloromethane 19.1 0.50 20.0 96% 65 122 Bromoform 16.6 20.0 1.0 83% 44 111 Bromomethane 20.2 5.0 20.0 101% 63 135 2-Butanone 30.9 5.0 40.0 77% 34 150 n-Butylbenzene 18.2 2.5 20.0 91% 61 145 sec-Butylbenzene 18.8 1.5 20.0 94% 66 143 tert-Butylbenzene 20.0 2.5 20.0 100% 64 142 Carbon disulfide 22.1 0.50 20.0 111% 57 141 Carbon tetrachloride 21.8 0.50 20.0 109% 63 159 Chlorobenzene 18.9 0.50 20.0 95% 65 124 Dibromochloromethane 19.5 0.50 20.0 98% 60 122 Chloroethane 21.0 4.0 20.0 105% 72 137 Chloroform 17.8 0.50 20.0 89% 66 125 Chloromethane 20.7 5.0 20.0 104% 61 147 2-Chlorotoluene 18.5 20.0 1.5 93% 68 123 4-Chlorotoluene 18.6 2.0 20.0 93% 67 125 1,2-Dibromo-3-chloropropane 17.1 2.0 20.0 86% 47 110 1,2-Dibromoethane 18.2 0.50 20.0 91% 59 119 Dibromomethane 17.8 0.50 20.0 89% 60 121 1,2-Dichlorobenzene 18.8 1.5 20.0 94% 65 121 1,3-Dichlorobenzene 20.0 18.7 1.5 94% 65 125 1,4-Dichlorobenzene 18.9 1.5 20.0 95% 67 123 Dichlorodifluoromethane 19.1 2.0 20.0 96% 41 163 1,1-Dichloroethane 18.3 1.0 20.0 92% 70 130 1.2-Dichloroethane 16.5 1.0 20.0 83% 58 123 1,1-Dichloroethene 22.1 0.50 20.0 70 111% 130 cis-1,2-Dichloroethene 18.3 0.50 20.0 92% 67 123 trans-1,2-Dichloroethene 18.2 0.50 20.0 91% 70 130 1,2-Dichloropropane 18.4 0.50 20.0 92% 66 119 1,3-Dichloropropane 17.5 1.0 20.0 88% 59 115 2,2-Dichloropropane 18.9 0.50 20.0 95% 40 160 1,1-Dichloropropene 21.4 1.0 20.0 107% 73 140 cis-1,3-Dichloropropene 18.6 1.0 20.0 93% 57 114 trans-1,3-Dichloropropene 19.6 0.50 20.0 98% 62 123 Ethylbenzene 20.5 2.0 20.0 103% 68 135 Hexachlorobutadiene 17.3 5.0 20.0 87% 59 148 2-Hexanone 31.7 5.0 40.0 79% 26 140 Iodomethane 19.4 2.0 20.0 97% 59 136



06-Jan-09

License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08120130

QC SUMMARY REPORT

	nd & Bond/3917783								Sam	iple Ma	atrix Spike
Analyte	Result	PQL	SPK value	SPK Ref Val	% Rec	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual.
isopropylbenzene	23.0	2.5	20.0		115%	74	142				
4-Isopropyltoluene	20.3	1.5	20.0		102%	71	133				
Methylene chloride	16.2	3.0	20.0		81%	65	116				
4-Methyl-2-pentanone	33.1	5.0	40.0		83%	35	138				
Methyl tert-butyl ether	17.9	2.0	20.0		90%	60	123				
Naphthalene	18.2	5.0	20.0		91%	54	113				
n-Propylbenzene	20.3	2.0	20.0		102%	64	148				
Styrene	20.5	1.0	20.0		103%	41	136				
1,1,1,2-Tetrachloroethane	19.0	0.50	20.0		95%	63	122				
1,1,2,2-Tetrachloroethane	17.2	0.50	20.0		86%	61	117				
Tetrachloroethene	22.1	0.50	20.0		111%	60	144				
Toluene	20.2	2.0	20.0		101%	71	133				
1,2,3-Trichlorobenzene	18.2	5.0	20.0		91%	55	124				
1,2,4-Trichlorobenzene	17.7	5.0	20.0		89%	54	117				
1,1,1-Trichloroethane	19.8	0.50	20.0		99%	66	143				
1,1,2-Trichloroethane	17.3	0.50	20.0		87%	61	115				
Trichloroethene	19.5	0.50	20.0		98%	66	128				
Trichlorofluoromethane	24.6	2.0	20.0		123%	59	177				
1,2,3-Trichloropropane	16.7	1.0	20.0		84%	54	111				
1,2,4-Trimethylbenzene	19.7	2.0	20.0		99%	55	131				
1,3,5-Trimethylbenzene	19.9	1.5	20.0		100%	61	135				
Vinyl acetate	17.7	5.0	20.0		89%	17	122				
Vinyl chloride	19.3	0.50	20.0		97%	59	139				
Xylenes, Total	62.4	3.0	60.0		104%	69	132				
4-Bromofluorobenzene	47.6	N/A	50.0		95%	57	130				
Dibromofluoromethane	46.5	N/A	50.0		93%	51	129				
1,2-Dichloroethane-d4	42.5	N/A	50.0		85%	44	137				
Toluene-d8	50.0	N/A	50.0		100%	58	130				



06-Jan-09

License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08120130

Project:

Bond & Bond/3917783

QC SUMMARY REPORT

Sample Matrix Spike Duplicate SPK **SPK** % High Low **RPD** % **RPD** Analyte Result POL value Ref Val Rec Limit Limit Ref Val **RPD** Limit Qual Sample ID: 08120130-08C-MSD Batch ID: E081210A Test Code: SW8260B Date Analyzed: 12/10/08 12:13 MW-12 Client ID: Units: µg/L Date Prepared: N/A Acetone 31.1 20 40.0 78% 10 28.4 9% 173 27 Benzene 20.5 0.50 20.0 103% 70 130 19.2 7% 26 Bromobenzene 20.2 20.0 1.5 101% 62 120 19.1 6% 27 Bromochloromethane 19.0 0.50 20.0 95% 64 119 18.1 5% 27 Bromodichloromethane 20.3 0.50 20.0 102% 65 122 19.1 6% 29 Bromoform 18.2 1.0 20.0 91% 44 9% 111 16.6 36 Bromomethane 21.7 5.0 20.0 109% 63 135 20.2 7% 29 2-Butanone 34.7 5.0 40.0 87% 34 150 30.9 12% 28 n-Butylbenzene 19.7 2.5 20.0 99% 61 145 18.2 8% 30 sec-Butylbenzene 20.6 1.5 20.0 103% 66 143 18.8 9% 24 tert-Butvlbenzene 21.4 2.5 20.0 107% 64 142 20 7% 24 Carbon disulfide 23.6 0.50 20.0 118% 57 141 22.1 7% 39 Carbon tetrachloride 22.7 0.50 20.0 114% 63 159 21.8 4% 25 Chlorobenzene 20.0 0.50 20.0 100% 65 124 18.9 6% 27 Dibromochloromethane 21.1 0.50 20.0 106% 60 122 19.5 8% 31 Chloroethane 21.8 4.0 20.0 109% 72 137 21 4% 27 Chloroform 18.6 0.50 20.0 93% 66 125 4% 17.8 26 Chloromethane 21.2 5.0 20.0 106% 61 147 20.7 2% 31 2-Chlorotoluene 19.9 1.5 20.0 100% 68 18.5 7% 123 24 4-Chlorotoluene 20.0 2.0 20.0 100% 67 125 18.6 7% 24 1,2-Dibromo-3-chloropropane 18.9 2.0 20.0 95% 47 110 17.1 10% 26 1.2-Dibromoethane 19.5 0.50 20.0 98% 59 119 18.2 7% 28 Dibromomethane 19.1 0.50 20.0 96% 60 121 17.8 7% 26 1,2-Dichlorobenzene 20.2 1.5 20.0 101% 65 121 18.8 7% 23 1,3-Dichlorobenzene 20.2 1.5 20.0 101% 65 125 18.7 8% 24 1,4-Dichlorobenzene 20.5 1.5 20.0 103% 67 123 18.9 8% 24 Dichlorodifluoromethane 18.8 2.0 20.0 94% 41 163 19.1 2% 30 1.1-Dichloroethane 19.0 1.0 20.0 95% 70 130 18.3 4% 26 1,2-Dichloroethane 17.5 1.0 20.0 88% 58 123 16.5 6% 26 1,1-Dichloroethene 23.3 0.50 20.0 117% 70 22.1 130 5% 26 cis-1,2-Dichloroethene 19.7 0.50 20.0 99% 67 123 18.3 7% 27 trans-1,2-Dichloroethene 19.0 0.50 20.0 95% 70 130 18.2 4% 26 1,2-Dichloropropane 19.4 0.50 20.0 97% 66 119 18.4 5% 28 1,3-Dichloropropane 18.4 1.0 20.0 92% 59 115 17.5 5% 27 2,2-Dichloropropane 20.2 0.50 20.0 101% 40 160 18.9 7% 25 1,1-Dichloropropene 22,6 1.0 20.0 73 113% 140 21.4 5% 28 cis-1,3-Dichloropropene 19.9 1.0 20.0 100% 57 114 18.6 7% 33 trans-1,3-Dichloropropene 21.2 0.50 20.0 106% 62 123 19.6 8% 32 Ethylbenzene 21.9 2.0 20.0 68 110% 135 20.5 7% 24 Hexachlorobutadiene 19.0 5.0 20.0 95% 59 148 17.3 9% 30 2-Hexanone 36.5 5.0 40.0 91% 26 140 31.7 14% 25 lodomethane 20.5 2.0 20.0 103% 59 136 19.4 6% 29



06-Jan-09

License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08120130

Project:

Bond & Bond/3917783

QC SUMMARY REPORT

Sample Matrix Spike Duplicate

A 1.	D : 1	207	SPK	SPK	%	Low	High	RPD	%	RPD	
Analyte	Result	PQL	value	Ref Val	Rec	Limit	Limit	Ref Val	RPD	Limit	Qual
Isopropylbenzene	24.7	2.5	20.0		124%	74	142	23	7%	24	
4-Isopropyltoluene	22.2	1.5	20.0		111%	71	133	20.3	9%	24	
Methylene chloride	17.1	3.0	20.0		86%	65	116	16.2	5%	27	
4-Methyl-2-pentanone	37.5	5.0	40.0		94%	35	138	33.1	12%	31	
Methyl tert-butyl ether	18.8	2.0	20.0		94%	60	123	17.9	5%	24	
Naphthalene	20.1	5.0	20.0		101%	54	113	18.2	10%	24	
n-Propylbenzene	21.9	2.0	20.0		110%	64	148	20.3	8%	25	•
Styrene	22.0	1.0	20.0		110%	41	136	20.5	7%	35	
1,1,1,2-Tetrachioroethane	20.0	0.50	20.0		100%	63	122	19	5%	24	
1,1,2,2-Tetrachloroethane	18.9	0.50	20.0		95%	61	117	17.2	9%	24	
l'etrachloroethene	23.6	0.50	20.0		118%	60	144	22.1	7%	28	
Toluene	21.8	2.0	20.0		109%	71	133	20.2	8%	23	
1,2,3-Trichlorobenzene	19.7	5.0	20.0		99%	55	124	18.2	8%	24	
1,2,4-Trichlorobenzene	19.0	5.0	20.0		95%	54	117	17.7	7%	25	
,1,1-Trichloroethane	21.2	0.50	20.0		106%	66	143	19.8	7%	28	
1,1,2-Trichloroethane	19.0	0.50	20.0		95%	61	115	17.3	9%	26	
Frichloroethene	21.2	0.50	20.0		106%	66	128	19.5	8%	28	
richlorofluoromethane	26.5	2.0	20.0		133%	59	177	24.6	7%	27	
1,2,3-Trichloropropane	18.6	1.0	20.0		93%	54	111	16.7	11%	28	
,2,4-Trimethylbenzene	21.7	2.0	20.0		109%	55	131	19.7	10%	29	
,3,5-Trimethylbenzene	21.7	1.5	20.0		109%	61	135	19.9	9%	26	
/inyl acetate	19.1	5.0	20.0		96%	17	122	17.7	8%	28	
/inyl chloride	20.4	0.50	20.0		102%	59	139	19.3	6%	28	
(ylenes, Total	66.5	3.0	60.0		111%	69	132	62.4	6%	25	
-Bromofluorobenzene	47.9	N/A	50.0		96%	57	130		- 70		
Dibromofluoromethane	46.2	N/A	50.0		92%	51	129				
,2-Dichloroethane-d4	41.5	N/A	50.0		83%	44	137				
Foluene-d8	50.5	N/A	50.0		101%	58	130				



06-Jan-09

License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08120130

Project:

Bond & Bond/3917783

QC SUMMARY REPORT

Sample Matrix Spike

Analyte	Result	PQL	SPK value	SPK Ref Val	% Rec	Low Limit	High Limit		% PD	RPD Limit	Qual
Sample ID: 08120131-04C-MS	Batch ID: E8	1211A		Test	Code: S	W8260B	WIMI	Date Analyzed:	: 12	/11/08 11:	44
Client ID:				Unit	s: μg/L			Date Prepared:	N/A		
Acetone	29.5	20	40.0		74%	10	173		*****		
Benzene	17.3	0.50	20.0		87%	70	130				
Bromobenzene	16.8	1.5	20.0		84%	62	120				
Bromochloromethane	16.3	0.50	20.0		81%	64	119				
Bromodichloromethane	17.1	0.50	20.0		86%	65	122				
Bromoform	15.3	1.0	20.0		77%	44	111				
Bromomethane	18.9	5.0	20.0		95%	63	135				
2-Butanone	31.5	5.0	40.0		79%	34	150				
n-Butylbenzene	16.9	2.5	20.0		85%	61	145				
sec-Butylbenzene	17.7	1.5	20.0		89%	66	143				
tert-Butylbenzene	18.4	2.5	20.0		92%	64	142				
Carbon disulfide	20.3	0.50	20.0		102%	57	141				
Carbon tetrachloride	19.5	0.50	20.0		98%	63	159				
Chiorobenzene	17.1	0.50	20.0		86%	65	124	O _k			
Dibromochloromethane	17.5	0.50	20.0		88%	60	122				
Chloroethane	19.6	4.0	20.0		98%	72	137				
Chloroform	17.4	0.50	20.0	1.33	80%	66	125				
Chloromethane	18.1	5.0	20.0	1.00	91%	61	147				
2-Chlorotoluene	16.7	1.5	20.0		84%	68	123				
4-Chlorotoluene	16.7	2.0	20.0		84%	67	125				
1,2-Dibromo-3-chloropropane	16.4	2.0	20.0		82%	47	110				
1,2-Dibromoethane	16.7	0.50	20.0		84%	4 <i>1</i> 59	119				
Dibromomethane	16.2	0.50	20.0		81%	60	121				
1,2-Dichlorobenzene	17.0	1.5	20.0		85%						
1,3-Dichlorobenzene	16.8	1.5	20.0		84%	65 ee	121				
1,4-Dichlorobenzene	16.7	1.5	20.0		84%	65 67	125				
Dichlorodifluoromethane	18.4	2.0	20.0			67	123				
1,1-Dichloroethane	16.6				92%	41	163				
1,2-Dichloroethane	15.2	1.0	20.0		83%	70	130				
1,1-Dichloroethene		1.0	20.0		76%	58	123				
cis-1.2-Dichloroethene	20.4	0.50	20.0		102%	70	130				
trans-1,2-Dichloroethene	16.8	0.50	20.0		84%	67	123				
1,2-Dichloropropane	16.8	0.50	20.0		84%	70	130				
1,3-Dichloropropane	16.2	0.50	20.0		81%	66	119				
2,2-Dichloropropane	16.1	1.0	20.0		81%	59 40	115				
1,1-Dichloropropene	16.7	0.50	20.0		84%	40	160				
cis-1,3-Dichloropropene	19.2	1.0	20.0		96%	73	140				
·	16.7	1.0	20.0		84%	57	114				
trans-1,3-Dichloropropene Ethylbenzene	17.6	0.50	20.0		88%	62	123				
⊏unyioenzene Hexachlorobutadiene	18.5	2.0	20.0		93%	68	135				
nexacnioroputadiene 2-Hexanone	16.9	5.0	20.0		85%	59	148				
	31.5	5.0	40.0		79%	26	140				
lodomethane	17.7	2.0	20.0		89%	59	136				



06-Jan-09

License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08120130

Project:

Bond & Bond/3917783

QC SUMMARY REPORT

Sample Matrix Spike

			SPK	SPK	%	Low	High	RPD	%	RPD	
Analyte	Result	PQL	value	Ref Val	Rec	Limit	Limit	Ref Val	RPD	Limit	Qual
isopropylbenzene	20.9	2.5	20.0		105%	74	142				
4-Isopropyltoluene	18.9	1.5	20.0		95%	71	133				
Methylene chloride	15.0	3.0	20.0		75%	65	116				
4-Methyl-2-pentanone	32.6	5.0	40.0		81%	35	138				
Methyl tert-butyl ether	16.2	2.0	20.0		81%	60	123				
Naphthalene	17.1	5.0	20.0		86%	54	113				
n-Propylbenzene	18.6	2.0	20.0		93%	64	148				
Styrene	18.4	1.0	20.0		92%	41	136				
1,1,1,2-Tetrachloroethane	17.0	0.50	20.0		85%	63	122				
1,1,2,2-Tetrachloroethane	16.8	0.50	20.0		84%	61	117				
Tetrachloroethene	19.6	0.50	20.0		98%	60	144				
Toluene	18.6	2.0	20.0		93%	71	133				
1,2,3-Trichlorobenzene	17.2	5.0	20.0		86%	55	124				
1,2,4-Trichlorobenzene	16.2	5.0	20.0		81%	54	117				
1,1,1-Trichloroethane	18.0	0.50	20.0		90%	66	143				
1,1,2-Trichloroethane	16.1	0.50	20.0		81%	61	115				
Trichloroethene	17.4	0.50	20.0		87%	66	128				
Trichlorofluoromethane	23.0	2.0	20.0		115%	59	177				
1,2,3-Trichloropropane	16.3	1.0	20.0		81%	54	111				
1,2,4-Trimethylbenzene	18.0	2.0	20.0		90%	55	131				
1,3,5-Trimethylbenzene	18.3	1.5	20.0		92%	61	135				
Vinyl acetate	16.5	5.0	20.0		83%	17	122				
Vinyl chloride	17.9	0.50	20.0		90%	59	139				
Xylenes, Total	56.9	3.0	60.0		95%	69	132				
1-Bromofluorobenzene	47.8	N/A	50.0		96%	57	130				
Dibromofluoromethane	47.2	N/A	50.0		94%	51	129				
1,2-Dichloroethane-d4	43.7	N/A	50.0		87%	44	137				
Toluene-d8	50.7	N/A	50.0		101%	58	130				



06-Jan-09

License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

Project:

08120130

Bond & Bond/3917783

QC SUMMARY REPORT

Sample Matrix Spike Duplicate

Analyte	Result	PQL	SPK value	SPK Ref Val	% Rec	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Sample ID: 08120131-04C-MSD	Batch ID: E8	1211A		Test	Code: S	W8260B		Date Analy	***************************************	/11/08 12:	
Client ID:				Unit	s: μg/L			Date Prepar			
Acetone	30.6	20	40.0		77%	10	173			····	
Benzene	18.7	0.50	20.0		94%	70	130	29.5 17.3	4% 8%	27	
Bromobenzene	18.4	1.5	20.0		92%	62	120	16.8	9%	26 27	
3romochloromethane	17.5	0.50	20.0		88%	64	119	16.3	3% 7%	27 27	
Bromodichloromethane	18.8	0.50	20.0		94%	65	122	17.1	9%	21 29	
Bromoform	16.8	1.0	20.0		84%	44	111	15.3	9%	25 36	
Bromomethane	19.1	5.0	20.0		96%	63	135	18.9	1%	29	
2-Butanone	33.2	5.0	40.0		83%	34	150	31.5	5%	28	
-Butylbenzene	18.7	2.5	20.0		94%	61	145	16.9	10%	30	
ec-Butylbenzene	19.5	1.5	20.0		98%	66	143	17.7	10%	30 24	
ert-Butylbenzene	20.3	2.5	20.0		102%	64	142	18.4	10%	24 24	
Carbon disulfide	20.5	0.50	20.0		103%	57	141	20.3	10%	2 4 39	
Carbon tetrachloride	20.7	0.50	20.0		10376	63	159	20.3 19.5	6%	39 25	
hlorobenzene	18.7	0.50	20.0		94%	65	124	17.1	9%	25 27	
ibromochloromethane	19.3	0.50	20.0		97%	60	122	17.5	10%	31	
hloroethane	21.0	4.0	20.0		105%	72	137	19.6	7%	27	
hloroform	18.6	0.50	20.0	1.33	86%	66	125	17.4	7%	26	
hloromethane	19.0	5.0	20.0	1.00	95%	61	147	18.1	5%	31	
-Chlorotoluene	18.1	1.5	20.0		91%	68	123	16.7	8%	24	
Chlorotoluene	18.1	2.0	20.0		91%	67	125	16.7	8%	24 24	
2-Dibromo-3-chloropropane	17.6	2.0	20.0		88%	47	110	16.4	7%	26	
2-Dibromoethane	18.0	0.50	20.0		90%	59	119	16.7	7%	28	
ibromomethane	18.2	0.50	20.0		91%	60	121	16.2	12%	26	
,2-Dichlorobenzene	18.3	1.5	20.0		92%	65	121	17	7%	23	
3-Dichlorobenzene	18.1	1.5	20.0		91%	65	125	16.8	7%	23 24	
4-Dichlorobenzene	18,2	1.5	20.0		91%	67	123	16.7	9%	24	
ichlorodifluoromethane	18.6	2.0	20.0		93%	41	163	18.4	1%	30	
,1-Dichloroethane	17.6	1.0	20.0		88%	70	130	16.6	6%	26	
2-Dichloroethane	16.4	1.0	20.0		82%	58	123	15.2	8%	26	
,1-Dichloroethene	21.2	0.50	20.0		106%	70	130	20.4	0% 4%	26 26	
s-1,2-Dichloroethene	18.2	0.50	20.0		91%	67	123	16.8	8%	26 27	
ans-1,2-Dichloroethene	17.5	0.50	20.0		88%	70	130	16.8	4%	27 26	Age 1
,2-Dichloropropane	17.8	0.50	20.0		89%	66	119	16.2	4% 9%	28	
3-Dichloropropane	17.1	1.0	20.0		86%	59	115	16.1	9% 6%	26 27	
2-Dichloropropane	18.1	0.50	20.0		91%	40	160	16.7	8%	27 25	
1-Dichloropropene	21.2	1.0	20.0		106%	73	140	19.2	6% 10%	25 28	
s-1,3-Dichloropropene	18.0	1.0	20.0		90%	73 57	114	16.7	7%	20 33	
ans-1,3-Dichloropropene	19.1	0.50	20.0		96%	62	123	17.6	8%	33 32	
thylbenzene	20.1	2.0	20.0		101%	68	135	18.5	6% 8%	32 24	
exachiorobutadiene	18.9	5.0	20.0		95%	59	148	16.9	0% 11%	2 4 30	
-Hexanone	34.7	5.0	40.0		87%	26	140	31.5	10%	30 25	
odomethane	18.6	2.0	20.0	•	93%	59	136	17.7	10% 5%	25 29	:



06-Jan-09

License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08120130

Project:

Bond & Bond/3917783

QC SUMMARY REPORT

Sample Matrix Spike Duplicate

	· ·		SPK	SPK	%	Low	High	RPD	%	RPD	
Analyte	Result	PQL	value	Ref Val	Rec	Limit	Limit	Ref Val	RPD	Limit	Qual
Isopropylbenzene	22.6	2.5	20.0		113%	74	142	20.9	8%	24	
4-isopropyltoluene	20.8	1.5	20.0		104%	71	133	18.9	10%	24	
Methylene chloride	16.0	3.0	20.0		80%	-65	116	15	6%	27	
4-Methyl-2-pentanone	35.4	5.0	40.0		89%	35	138	32.6	8%	31	
Methyl tert-butyl ether	17.0	2.0	20.0		85%	60	123	16.2	5%	24	
Naphthalene	18.3	5.0	20.0		92%	54	113	17.1	7%	24	
n-Propylbenzene	20.2	2.0	20.0		101%	64	148	18.6	8%	25	
Styrene	19.6	1.0	20.0		98%	41	136	18.4	6%	35	
1,1,1,2-Tetrachloroethane	18.2	0.50	20.0		91%	63	122	17	7%	24	
1,1,2,2-Tetrachioroethane	18.1	0.50	20.0		91%	61	117	16.8	7%	24	
Tetrachloroethene	21.4	0.50	20.0		107%	60	144	19.6	9%	28	
Toluene	20.1	2.0	20.0		101%	71	133	18.6	8%	23	
1,2,3-Trichlorobenzene	18.3	5.0	20.0		92%	55	124	17.2	6%	24	
1,2,4-Trichlorobenzene	17.4	5.0	20.0		87%	54	117	16.2	7%	25	
1,1,1-Trichloroethane	19.3	0.50	20.0		97%	66	143	18	7%	28	
1,1,2-Trichloroethane	17.5	0.50	20.0		88%	61	115	16.1	8%	26	
Trichloroethene	19.3	0.50	20.0		97%	66	128	17.4	10%	28	
Trichlorofluoromethane	24.3	2.0	20.0		122%	59	177	23	5%	27	
1,2,3-Trichloropropane	17.5	1.0	20.0		88%	54	111	16.3	7%	28	
1,2,4-Trimethylbenzene	19.8	2.0	20.0		99%	55	131	18	10%	29	
1,3,5-Trimethylbenzene	19.7	1.5	20.0		99%	61	135	18.3	7%	26	
Vinyl acetate	17.8	5.0	20.0		89%	17	122	16.5	8%	28	
Vinyl chloride	18.6	0.50	20.0		93%	59	139	17.9	4%	28	
Xylenes, Total	60.9	3.0	60.0		102%	69	132	56.9	7%	25 25	
4-Bromofluorobenzene	47.6	N/A	50.0		95%	57	130	30.9	1 /0	20	
Dibromofluoromethane	47.2	N/A	50.0		94%	51	129				
1,2-Dichloroethane-d4	42.9	N/A	50.0		86%	44	137				
Toluene-d8	50.6	N/A	50.0		101%	58	130				
Sample ID: 08120130-05A MS	Batch ID: FUI	ELS3 08121	1A	Test	Code: S'	W8015D	ur.	Date Analyz	rod: 12/	11/08 22:	42
Client ID: MW-9		-			s: μg/L			Date Prepare			12
C6-C10 GRO	6360	2000	5000	Onto	127%	oe.	460	Date Trepar	ou. 2471		TE
Bromofluorobenzene	151	2000 N/A	200		76%	26 70	168 130				T5
Sample ID: 08120130-05A MS	Batch ID: FUI			Test	Code: S	***************************************		Data A1		10/00 17	
Client ID; MW-9	Dulon ID. 1 O.	2253_00121			coue. s s: µg/L	W0015D		Date Analyz		18/08 17::	32
C6-C10 GRO	2070	4000	orno					Date Prepare	eg: IV/A		
Bromofluorobenzene	3670	1000	2500	1140	101%	26	168				T5
	119	N/A	100		119%	70	130				
Sample ID: 08120130-05A MSD	Batch ID: FUI	ELS3_08121	1A	Test	Code: S	W8015D		Date Analyz	ed: 12/	12/08 00;	18
Client ID: MW-9				Units	s: μg/L			Date Prepare	ed: N/A	-	
C6-C10 GRO	10900	2000	5000		218%	26	168	6360	53%	28	T5,M1,R2
3romofluorobenzene	124	N/A	200		62%	70	130				N1



06-Jan-09

T5

28

License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

428

18.0

200

N/A

500

20.0

Work Order:

C6-C10 GRO

Bromofluorobenzene

08120130

Project: Bond & Bond/3917783

QC SUMMARY REPORT

Sample Matrix Spike Duplicate

Analyte	Result	PQL	SPK value	SPK Ref Val	% Rec	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limiț	Qual
Sample ID: 08120130-05A MSD Client ID: MW-9	Batch ID: FU	JELS3_0812	18A		Code: S	SW8015D		Date Analy Date Prepar		/18/08 18:: A	27
C6-C10 GRO Bromofluorobenzene	3730 116	1000 N/A	2500 100	1140	104% 116%		168 130	3670	2%	28	T 5
Sample ID: 08120131-04A MS Client ID:	Batch ID: FU	JELS3_0812	15A		Code: S S: μg/L	SW8015D	Date Analyzed: 12/15/08 22:21 Date Prepared: N/A				
C6-C10 GRO Bromofluorobenzene	454 18.0	200 N/A	500 20.0		91% 90%	26 70	168 130				Т5
Sample ID: 08120131-04A MSD Client ID:	Batch ID: FU	Test Code: SW8015D Units: µg/L				Date Analy	 -	/15/08 22::	56		

86%

90%

26

70

168

130

454

6%



06-Jan-09

License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08120130

QC SUMMARY REPORT

Blank Spike Project: Bond & Bond/3917783 SPK SPK % Low High RPD % **RPD** Analyte Result **PQL** value Ref Val Rec Limit Limit Ref Val **RPD** Limit Qual Sample ID: LCS-2144 Batch ID: 2144 Test Code: 8015B Date Analyzed: 12/12/08 11:12 Units: µg/L Date Prepared: 12/11/08 C13-C22 DRO 1070 100 1000 107% 46 161 T5 o-Terphenyl 189 N/A 200 95% 42 127 Sample ID: LCS-2151 Batch ID: 2151 Test Code: 8015B Date Analyzed: 12/13/08 06:37 Units: µg/L Date Prepared: 12/12/08 C13-C22 DRO 1150 100 1000 115% 46 161 **T**5 o-Terphenyl 191 N/A 200 42 96% 127 Sample ID: LCSD-2144 Batch ID: 2144 Test Code: 8015B Date Analyzed: 12/12/08 11:56 Units: µg/L Date Prepared: 12/11/08 C13-C22 DRO 1150 100 1000 115% 46 T5 161 1070 7% 43 o-Terphenyl 193 N/A 200 97% 42 127 Sample ID: LCSD-2151 Batch ID: 2151 Test Code: 8015B Date Analyzed: 12/13/08 07:21 Units: µg/L Date Prepared: 12/12/08 C13-C22 DRO 1050 100 1000 105% 46 161 1150 9% 43 T5 o-Terphenyl 177 N/A 200 89% 42 127 Sample ID: LCS-2173 Batch ID: 2173 Test Code: EPA8011 Date Analyzed: 12/16/08 23:57 Units: µg/L Date Prepared: 12/15/08 1,2-Dibromoethane (EDB) 0.1050 0.010 0.1000 105% 60 140 1,2-Dibromo-3-chloropropane 0.09400 0.010 0.1000 94% 60 140 (DBCP) Sample ID: LCSD-2173 Batch ID: 2173 Test Code: EPA8011 Date Analyzed: 12/17/08 00:24 Units: µg/L Date Prepared: 12/15/08 1,2-Dibromoethane (EDB) 0.1060 0.010 0.1000 106% 60 140 0.105 1% 20 1,2-Dibromo-3-chloropropane 0.09600 0.010 0.1000 96% 60 140 0.094 2% 20 (DBCP)



06-Jan-09

License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order: Project:

08120130

Bond & Bond/3917783

QC SUMMARY REPORT

Blank Spike

Analyte	Result	PQL	SPK value	SPK Ref Val	% Rec	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Sample ID: LCS	Batch ID: E0	81210A		Test	Code: S	W8260B		Date Analy	zed: 1	2/10/08 09:	03
				Units	s: μg/L			Date Prepa			
Acetone	49.8	20	40.0		125%	50	233				
Benzene	20.6	0.50	20.0		103%	70	130				
Bromobenzene	20.1	1.5	20.0		101%	70	130				
Bromochloromethane	19.8	0.50	20.0		99%	70	130				
Bromodichloromethane	21.7	0.50	20.0		109%	70	130				
Bromoform	18.9	1.0	20.0		95%	61	126				
Bromomethane	19.6	5.0	20.0		98%	70	135				
2-Butanone	42.7	5.0	40.0		107%	41	179				
n-Butylbenzene	21.0	2.5	20.0		105%	66	130				
sec-Butylbenzene	20.9	1.5	20.0		105%	67	129				
tert-Butylbenzene	21.8	2.5	20.0		109%	66	131				
Carbon disulfide	22.1	0.50	20.0		111%	- 70	130				
Carbon tetrachloride	22.4	0.50	20.0		112%	61	137				
Chlorobenzene	20.5	0.50	20.0		103%	70	130				
Dibromochloromethane	21.5	0.50	20.0		108%	70 70					
Chioroethane	20.8	4.0	20.0		104%		130				
Chloroform	20.4	0.50	20.0		104%	72	132				
Chloromethane	20.4	5.0	20.0			70	130				
2-Chlorotoluene	20.5	1.5			100%	64	140				
-Chlorotoluene			20.0		103%	70	130				
1,2-Dibromo-3-chloropropane	20.5	2.0	20.0		103%	70	130				
,2-Dibromoethane	19.1	2.0	20.0		96%	61	118				
Dibromomethane	20.0	0.50	20.0		100%	70	130				
I,2-Dichlorobenzene	20.5	0.50	20.0		103%	70	130				
,3-Dichlorobenzene	20.6	1.5	20.0		103%	70	130				
I,4-Dichlorobenzene	20.3	1.5	20.0		102%	70	130				
i,4-Dichlorobenzene Dichlorodifluoromethane	20.6	1.5	20.0		103%	70	130				
	18.7	2.0	20.0		94%	34	130				
,1-Dichloroethane	20.6	1.0	20.0		103%	70	130				
,2-Dichloroethane	20.1	1.0	20.0		101%	70	130				¥.
,1-Dichloroethene	22.2	0.50	20.0		111%	70	130				
fs-1,2-Dichloroethene	20.4	0.50	20.0		102%	70	130				
rans-1,2-Dichloroethene	20.4	0.50	20.0		102%	70	130				
,2-Dichloroprepane	20.2	0.50	20.0		101%	70	130				•
,3-Dichloropropane	19.5	1.0	20.0		98%	70	130				
,2-Dichloropropane	20.9	0.50	20.0		105%	66	133				
,1-Dichloropropene	22.3	1.0	20.0		112%	70	130				
is-1,3-Dichloropropene	21.0	1.0	20.0		105%	70	130				
ans-1,3-Dichloropropene	22.2	0.50	20.0		111%	70	130				
thylbenzene	22.0	2.0	20.0		110%	70	130				
lexachlorobutadiene	21.3	5.0	20.0		107%	62	130				
-Hexanone	41.1	5.0	40.0		103%	34	163				
odomethane	19.5	2.0	20.0		98%	69	131				



06-Jan-09

License No. AZ0133/AZM133

CLIENT:

Project:

Bristol Environmental & Engineering

Work Order:

08120130

Bond & Bond/3917783

QC SUMMARY REPORT Blank Spike

Analyte	Dogult	DOI	SPK	SPK	% D	Low	High	RPD	%	RPD	0 1
***************************************	Result	PQL	value	Ref Val	Rec	Limit	Limit	Ref Val	RPD	Limit	Qual
Isopropyibenzene	24.8	2.5	20.0		124%	70	130				
4-Isopropyltoluene	22.5	1.5	20.0		113%	70	130				
Methylene chloride	18.5	3.0	20.0	•	93%	70	130				
4-Methyl-2-pentanone	39.9	5.0	40.0		100%	40	159				
Methyl tert-butyl ether	20.0	2.0	20.0		100%	70	130				
Naphthalene	19.8	5.0	20.0		99%	70	130				
n-Propylbenzene	22.2	2.0	20.0		111%	70	130				
Styrene	22.1	1.0	20.0		111%	70	130				
1,1,1,2-Tetrachloroethane	20.5	0.50	20.0		103%	70	130				
1,1,2,2-Tetrachioroethane	20.2	0.50	20.0		101%	70	130				
Tetrachloroethene	22.2	0.50	20.0		111%	66	124				
Toluene	21.5	2.0	20.0		108%	70	130				
1,2,3-Trichlorobenzene	20.4	5.0	20.0		102%	70	130				
1,2,4-Trichlorobenzene	19.8	5.0	20.0		99%	70	130				
1,1,1-Trichloroethane	21.7	0.50	20.0		109%	70	130				
1,1,2-Trichloroethane	19.5	0.50	20.0	2.1	98%	70	130				
Trichloroethene	20.6	0.50	20.0		103%	70	130				
Trichlorofluoromethane	23.6	2.0	20.0		118%	52	144				
1,2,3-Trichloropropane	19.9	1.0	20.0		100%	70	130				
1,2,4-Trimethylbenzene	21.8	2.0	20.0		109%	70	130				
1,3,5-Trimethylbenzene	21.7	1.5	20.0		109%	70	130				
Vinyl acetate	20.6	5.0	20.0		103%	24	147				
Vinyl chloride	18.4	0.50	20.0		92%	50	131				
Xylenes, Total	66.6	3.0	60.0		111%	70	130				
4-Bromofluorobenzene	49.3	N/A	50.0		99%	57	130				
Dibromofluoromethane	49.2	N/A	50.0		98%	51	129				
1,2-Dichloroethane-d4	47.4	N/A	50.0		95%	44	137				
Toluene-d8	50.3	N/A	50.0		101%	58	130				



06-Jan-09

License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order: Project:

Bond & Bond/3917783

08120130

QC SUMMARY REPORT

Blank Spike

Analyte	Result	PQL	SPK value	SPK Ref Val	% Rec	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Sample ID: LCS	Batch ID: E8					W8260B		Date Analy			
	Daton 110. 20				couc. ε s: μg/L	1110200D		-			de t
Acatona	40.0			OIII				Date Prepa	rea: N/A	1	
Acetone	43.2	20	40.0		108%	50	233				
Benzene	20.6	0.50	20.0		103%	70	130				
Bromobenzene	21.1	1.5	20.0		106%	70	130				
Bromochloromethane	19.7	0.50	20.0	•	99%	70	130				
Bromodichloromethane	20.6	0.50	20.0		103%	70	130				
Bromoform	19.5	1.0	20.0		98%	61	126				
Bromomethane	20.1	5.0	20.0		101%	70	135				
2-Butanone	39.1	5.0	40.0		98%	41	179				
n-Butylbenzene	20.7	2.5	20.0		104%	66	130				
sec-Butylbenzene	21.0	1.5	20.0		105%	67	129				
tert-Butylbenzene	21.8	2.5	20.0		109%	66	131				
Carbon disulfide	22.1	0.50	20.0		111%	70	130				
Carbon tetrachloride	21.2	0.50	20.0		106%	61	137				
Chlorobenzene	21.0	0.50	20.0		105%	70	130				
Dibromochloromethane	21.8	0.50	20.0		109%	70	130				
Chloroethane	21.2	4.0	20.0		106%	72	132				
Chloroform	18.9	0.50	20.0		95%	70	130				
Chloromethane	19.7	5.0	20.0		99%	64	140				
2-Chlorotoluene	20.5	1.5	20.0		103%	70	130				
I-Chlorotoluene	20.7	2.0	20.0		104%	70	130				
,2-Dibromo-3-chloropropane	20.3	2.0	20.0		102%	61	118				
1,2-Dibromoethane	20.5	0.50	20.0		103%	70	130				
Dibromomethane	19.9	0.50	20.0		100%	70	130				
1,2-Dichlorobenzene	21.4	1.5	20.0		107%	70	130				
1,3-Dichlorobenzene	21.2	1.5	20.0		106%	70	130				
.4-Dichlorobenzene	21.5	1.5	20.0		108%	70	130				
Dichlorodifluoromethane	18.2	2.0	20.0		91%	34	130				
1,1-Dichloroethane	19.4	1.0	20.0		97%	70	130				
1,2-Dichloroethane	18.2	1.0	20.0		91%						
,1-Dichloroethene	21.4	0.50	20.0		107%	70 70	130				
sis-1,2-Dichloroethene	19.9	0.50	20.0			70 70	130				
rans-1,2-Dichloroethene					100%	70	130				
1,2-Dichloropropane	18.9	0.50	20.0		95%	70	130				
,3-Dichloropropane	19.6	0.50	20.0		98%	70 70	130				
,3-Dichloropropane	19.5	1.0	20.0		98%	70	130				
,1-Dichloropropane	19.9	0.50	20.0		100%	66	133				
	22.2	1.0	20.0		111%	70	130				
is-1,3-Dichloropropene	20.2	1.0	20.0		101%	70	130				
rans-1,3-Dichloropropene	21.6	0.50	20.0		108%	70	130				
Ethylbenzene	21.9	2.0	20.0		110%	70	130				
fexachlorobutadiene	21.8	5.0	20.0		109%	62	130				
!-Hexanone	40.8	5.0	40.0		102%	34	163				
odomethane	20.0	2.0	20.0		100%	69	131				



06-Jan-09

License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

Project:

08120130

Bond & Bond/3917783

QC SUMMARY REPORT

Blank Spike

			SPK	SPK	%	Low	High	RPD	%	RPD	
Analyte	Result	PQL	value	Ref Val	Rec	Limit	Limit	Ref Val	RPD	Limit	Qual
Isopropylbenzene	25.0	2.5	20.0		125%	70	130		***************************************		
4-Isopropyltoluene	22.6	1.5	20.0		113%	70	130				
Methylene chloride	17.7	3.0	20.0		89%	70	130				
4-Methyl-2-pentanone	39.6	5.0	40.0		99%	40	159				
Methyl tert-butyl ether	19.4	2.0	20.0		97%	70	130				
Naphthalene	21.4	5.0	20.0		107%	70	130				
n-Propylbenzene	22.2	2.0	20.0		111%	70	130				
Styrene	22.5	1.0	20.0		113%	70	130				
1,1,1,2-Tetrachloroethane	20.7	0.50	20.0		104%	70	130				
1,1,2,2-Tetrachloroethane	20.4	0.50	20.0		102%	70	130				
Tetrachloroethene	22.9	0.50	20.0		115%	66	124				
Toluene	22.0	2.0	20.0		110%	70	130				
1,2,3-Trichlorobenzene	21.8	5.0	20.0		109%	70	130				
1,2,4-Trichlorobenzene	21.1	5.0	20.0		106%	70	130				
1,1,1-Trichloroethane	20.3	0.50	20.0		102%	70	130				
1,1,2-Trichloroethane	20.0	0.50	20.0		100%	70	130				
Trichloroethene	20.9	0.50	20.0		105%	70	130				
Frichlorofluoromethane	21.6	2.0	20.0		108%	52	144				
1,2,3-Trichloropropane	19.7	1.0	20.0		99%	70	130				
1,2,4-Trimethylbenzene	21.6	2.0	20.0		108%	70	130				
1,3,5-Trimethylbenzene	22.0	1.5	20.0		110%	70	130				
Vinyl acetate	18.4	5.0	20.0		92%	24	147				
Vinyl chloride	17.8	0.50	20.0		89%	50	131				
Xylenes, Total	67.6	3.0	60.0		113%	70	130				
f-Bromofluorobenzene	48.1	N/A	50.0		96%	57	130				
Dibromofluoromethane	46.2	N/A	50.0		92%	51	129				
1,2-Dichloroethane-d4	42.0	N/A	50.0		84%	44	137				
Toluene-d8	50.3	N/A	50.0		101%	58	130				



06-Jan-09

Blank Spike Duplicate

License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

Project:

08120130

Bond & Bond/3917783

QC SUMMARY REPORT

Analyte	Result	PQL	SPK value	SPK Ref Val	% Rec	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Sample ID: LCSD	Batch ID: E0	81210A		Test	Code: S	W8260B	.,,,,	Date Analy:	zed: 12	/10/08 09:2	25
				Unit	s: μg/L			Date Prepar	ed: N/	4	
Acetone	51.9	20	40.0		130%	50	233	49.8	4%	37	
Benzene	20.6	0.50	20.0		103%	70	130	20.6	0%	20	
Bromobenzene	20.0	1.5	20.0		100%	70	130	20.1	0%	20	
Bromochloromethane	19.5	0.50	20.0		98%	70	130	19.8	2%	20	
Bromodichloromethane	21.4	0.50	20.0		107%	70	130	21.7	1%	20	
Bromoform	19.0	1.0	20.0		95%	61	126	18.9	1%	20	
3romomethane	19.6	5.0	20.0		98%	70	135	19.6	0%	20	
2-Butanone	43.8	5.0	40.0		110%	41	179	42.7	3%	20	
a-Butylbenzene	21.0	2.5	20.0		105%	66	130	21	0%	20	
ec-Butylbenzene	20.9	1.5	20.0		105%	67	129	20.9	0%	20	
ert-Butylbenzene	21.4	2.5	20.0		107%	66	131	21.8	2%	20	
Carbon disulfide	21.9	0.50	20.0		110%	70	130	22.1	1%	20	
Carbon tetrachloride	22.6	0.50	20.0		113%	61	137	22.4	1%	20	
Chlorobenzene	20.2	0.50	20.0		101%	70	130	20.5	1%	20	
Dibromochloromethane	21.9	0.50	20.0		110%	70	130	21.5	2%	20	
Chloroethane	20.8	4.0	20.0		104%	72	132	20.8	0%	20	
Chloroform	20.0	0.50	20.0		100%	70	130	20.4	2%	20	
Chloromethane	20.2	5.0	20.0		101%	64	140	20	1%	20	
-Chlorotoluene	20.2	1.5	20.0		101%	70	130	20.5	1%	20	
-Chlorotoluene	20.5	2.0	20.0		103%	70	130	20.5	0%	20	
,2-Dibromo-3-chloropropane	20.1	2.0	20.0		101%	61	118	19.1	5%	20	
,2-Dibromoethane	19.8	0.50	20.0		99%	70	130	20	1%	20	
Dibromomethane	20.3	0.50	20.0		102%	70	130	20.5	1%	20	
,2-Dichlorobenzene	20.5	1.5	20.0		103%	70	130	20.6	0%	20	
,3-Dichlorobenzene	20.2	1.5	20.0		101%	70	130	20.3	0%	20	
,4-Dichlorobenzene	20.4	1.5	20.0		102%	70	130	20.6	1%	20	
ichlorodifluoromethane	16.4	2.0	20.0		82%	34	130	18.7	13%	20	
,1-Dichloroethane	20.1	1.0	20.0		101%	70	130	20.6	2%	20	
,2-Dichloroethane	19.8	1.0	20.0		99%	70	130	20.0	2%	20	
,1-Dichloroethene	22.6	0.50	20.0		113%	70	130	22.2	2%	20	
is-1,2-Dichloroethene	19.8	0.50	20.0		99%	70	130	20.4	3%	20	
ans-1,2-Dichloroethene	19.9	0.50	20.0		100%	70	130	20.4	2%	20	
,2-Dichloropropane	19.9	0.50	20.0		100%	70	130	20.4	1%	20	
3-Dichloropropane	19.7	1.0	20.0		99%	70	130	19.5	1%	20	
2-Dichloropropane	20.8	0.50	20.0		104%	66	133	20.9	0%	20	
.1-Dichloropropene	22.5	1.0	20.0		113%	70	130	20.9	1%	20	
s-1,3-Dichloropropene	20.9	1.0	20.0		105%	70	130	22.3 21	0%	20	
ans-1,3-Dichloropropene	22.2	0.50	20.0		111%	70	130	22.2	0%	20 20	
thylbenzene	22.0	2.0	20.0		110%	70	130	22.2	0% 0%	20	
exachlorobutadiene	22.4	5.0	20.0		112%	62	130	21.3	5%	20	
-Hexanone	42.7	5.0	40.0		107%	34	163	41.1	5% 4%		
	"T4.1	0.0	-10.0		FQ / 70	J#	100	4 ()	4 70	20	



06-Jan-09

License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

Project:

08120130

Bond & Bond/3917783

QC SUMMARY REPORT

Blank Spike Duplicate

										•	-
Analyte	Result	PQL	SPK value	SPK Ref Val	% Rec	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Isopropylbenzene	24.8	2.5	20.0		124%	70	130	24.8	0%	20	Z 444.
4-Isopropyltoluene	22.8	1.5	20.0		114%	70	130	22.5	1%	20	
Methylene chloride	18.2	3.0	20.0		91%	70	130	18.5	2%	20	
4-Methyl-2-pentanone	41.5	5.0	40.0		104%	40	159	39.9	4%	20	
Methyl tert-butyl ether	20.0	2.0	20.0		100%	70	130	20	0%	20	
Naphthalene	20.6	5.0	20.0		103%	70	130	19.8	4%	20	
n-Propylbenzene	22.1	2.0	20.0		111%	70	130	22.2	0%	20	
Styrene	22.1	1.0	20.0		111%	70	130	22.1	0%	20	
1,1,1,2-Tetrachloroethane	20.5	0.50	20.0		103%	70	130	20.5	0%	20	
1,1,2,2-Tetrachloroethane	20.8	0.50	20.0		104%	70	130	20.2	3%	20	
Tetrachloroethene	22.1	0.50	20.0		111%	66	124	22.2	0%	20	
Toluene	21.5	2.0	20.0		108%	70	130	21.5	0%	20	
1,2,3-Trichlorobenzene	20.7	5.0	20.0		104%	70	130	20.4	1%	20	
1,2,4-Trichlorobenzene	20.2	5.0	20.0		101%	70	130	19.8	2%	20	
1,1,1-Trichloroethane	21.3	0.50	20.0		107%	70	130	21.7	2%	20	
1,1,2-Trichloroethane	19.6	0.50	20.0	•	98%	70	130	19.5	1%	20	
Frichloroethene	20.6	0.50	20.0		103%	70	130	20.6	0%	20	
Frichlorofluoromethane	22.6	2.0	20.0		113%	52	144	23.6	4%	20	
1,2,3-Trichloropropane	20.3	1.0	20.0		102%	70	130	19.9	2%	20	
,2,4-Trimethylbenzene	21.7	2.0	20.0		109%	70	130	21.8	0%	20	
1,3,5-Trimethylbenzene	21.9	1.5	20.0		110%	70	130	21.7	1%	20	
/inyl acetate	20.1	5.0	20.0		101%	24	147	20.6	2%	30	
/inyl chloride	18.4	0.50	20.0		92%	50	131	18.4	0%	20	
(ylenes, Total	66.3	3.0	60.0		111%	70	130	66.6	0%	20	
l-Bromofluorobenzene	49.8	N/A	50.0		100%	57	130		· /·		
Dibromofluoromethane	48.8	N/A	50.0		98%	51	129				
1,2-Dichloroethane-d4	47.5	N/A	50.0		95%	44	137				
Foluene-d8	50.6	N/A	50.0		101%	58	130				



06-Jan-09

Blank Spike Duplicate

License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08120130

Project:

Bond & Bond/3917783

QC SUMMARY REPORT

Analyte	Result	PQL	SPK value	SPK Ref Val	% Rec	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Sample ID: LCSD	Batch ID: E8	1211A		Test	Code: S	W8260B	***************************************	Date Analyz	zed: 12	/11/08 08::	50
				Unit	s: μg/L			Date Prepar	ed: N/A	4	
Acetone	42.5	20	40.0		106%	50	233	43.2	2%	37	
Benzene	20.3	0.50	20.0		102%	70	130	20.6	1%	20	
Bromobenzene	20.9	1.5	20.0		105%	70	130	21.1	1%	20	
Bromochloromethane	19.3	0.50	20.0		97%	70	130	19.7	2%	20	
Bromodichloromethane	20.7	0.50	20.0		104%	70	130	20.6	0%	20	
Bromoform	19.6	1.0	20.0		98%	. 61	126	19.5	1%	20	
3romomethane	20.1	5.0	20.0		101%	70	135	20.1	0%	20	
2-Butanone	40.5	5.0	40.0		101%	41	179	39.1	4%	20	
n-Butylbenzene	20.3	2.5	20.0		102%	66	130	20.7	2%	20	
ec-Butylbenzene	20.6	1.5	20.0		103%	67	129	21	2%	20	
ert-Butylbenzene	21.5	2.5	20.0		108%	66	131	21.8	1%	20	
Carbon disulfide	21.6	0.50	20.0		108%	70	130	22.1	2%	20	
Carbon tetrachloride	21.0	0.50	20.0		105%	61	137	21.2	1%	20	
Chlorobenzene	20.4	0.50	20.0		102%	70	130	21	3%	20	
Dibromochloromethane	21.9	0.50	20.0		110%	70	130	21.8	0%	20	
Chloroethane	20.6	4.0	20.0		103%	72	132	21.2	3%	20	
Chloroform	18.5	0.50	20.0		93%	70	130	18.9	2%	20	
Chloromethane	20.3	5.0	20.0		102%	64	140	19.7	3%	20	
-Chiorotoluene	20.1	1.5	20.0		101%	70	130	20.5	2%	20	
-Chlorotoluene	20.2	2.0	20.0		101%	70	130	20.7	2%	20	
,2-Dibromo-3-chloropropane	21.1	2.0	20.0		106%	61	118	20.3	4%	20	
,2-Dibromoethane	20.6	0.50	20.0		103%	70	130	20.5	0%	20	
Vibromomethane	19.5	0.50	20.0		98%	70	130	19.9	2%	20	
,2-Dichlorobenzene	21.3	1.5	20.0		107%	70	130	21.4	0%	20	
,3-Dichlorobenzene	20.8	1.5	20.0		104%	70	130	21.2	2%	20	
,4-Dichlorobenzene	21.3	1.5	20.0		107%	70	130	21.5	1%	20	-
Dichlorodifluoromethane	17.5	2.0	20.0		88%	34	130	18.2	4%	20	
,1-Dichloroethane	19:1	1.0	20.0		96%	70	130	19.4	2%	20	
,2-Dichloroethane	17.9	1.0	20.0		90%	70	130	18.2	2%	20	
,1-Dichloroethene	21.5	0.50	20.0		108%	70	130	21.4	0%	20	
is-1,2-Dichloroethene	19.7	0.50	20.0		99%	70	130	19.9	1%	20	
ans-1,2-Dichloroethene	18.4	0.50	20.0		92%	70	130	18.9	3%	20	
,2-Dichloropropane	19.8	0.50	20.0		99%	70	130	19.6	1%	20	
,3-Dichloropropane	19.4	1.0	20.0		97%	70 70	130	19.5	1%	20	
,2-Dichloropropane	19.2	0.50	20.0		96%	66	133	19.9	4%	20	
1-Dichloropropene	21.8	1.0	20.0		109%	70	130	22.2	2%	20	
is-1,3-Dichloropropene	20.2	1.0	20.0		101%	70 70	130	20.2	0%	20	
ans-1,3-Dichloropropene	21.6	0.50	20.0		108%	70	130	21.6	0%	20	
thylbenzene	21.6	2.0	20.0		108%	70 70	130	21.0	1%	20	
lexachlorobutadiene	20.8	5.0	20.0		104%	62	130	21.8	5%	20	
Hexanone	41.8	5.0	40.0		105%	34	163	40.8	2%	20 20	
odomethane	20.1	2.0	20.0		101%	69	131	40.6	2% 0%	20 20	



06-Jan-09

License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08120130

Project:

Bond & Bond/3917783

QC SUMMARY REPORT

Blank Spike Duplicate

Analyte	Result	PQL	SPK	SPK Ref Val	% Doo	Low	High	RPD	%	RPD	
· · · · · · · · · · · · · · · · · · ·			value	Rei vai	Rec	Limit	Limit	Ref Val	RPD	Limit	Qual
Isopropylbenzene	24.2	2.5	20.0		121%	70	130	25	3%	20	
4-Isopropyltaluene	22.3	1.5	20.0		112%	70	130	22.6	1%	20	
Methylene chloride	17.5	3.0	20.0		88%	70	130	17.7	1%	20	
4-Methyl-2-pentanone	40.9	5.0	40.0		102%	40	159	39.6	3%	20	
Methyl tert-butyl ether	19.0	2.0	20.0		95%	70	130	19.4	2%	20	
Naphthalene - Door the control	21.9	5.0	20.0		110%	70	130	21.4	2%	20	
n-Propylbenzene	21.8	2.0	20.0		109%	70	130	22.2	2%	20	
Styrene	22.2	1.0	20.0		111%	70	130	22.5	1%	20	
1,1,1,2-Tetrachloroethane	20.7	0.50	20.0		104%	70	130	20.7	0%	20	
1,1,2,2-Tetrachloroethane	20.4	0.50	20.0		102%	70	130	20.4	0%	20	
Tetrachloroethene	22.4	0.50	20.0		112%	66	124	22.9	2%	20	
Toluene	21.5	2.0	20.0		108%	70	130	22	2%	20	
1,2,3-Trichiorobenzene	21.6	5.0	20.0		108%	70	130	21.8	1%	20	
1,2,4-Trichlorobenzene	20.8	5.0	20.0		104%	70	130	21.1	1%	20	
1,1,1-Trichloroethane	19.9	0.50	20.0		100%	70	130	20.3	2%	20	
1,1,2-Trichloroethane	19.8	0.50	20.0		99%	70	130	20	1%	20	
Trichloroethene	20.6	0.50	20.0		103%	70	130	20.9	1%	20	
Trichlorofluoromethane	23.1	2.0	20.0		116%	52	144	21.6	7%	20	
1,2,3-Trichloropropane	20.0	1.0	20.0		100%	70	130	19.7	2%	20	
1,2,4-Trimethylbenzene	21.4	2.0	20.0		107%	70	130	21.6	1%	20	
,3,5-Trimethylbenzene	21.6	1.5	20.0		108%	70	130	22	2%	20	
/inyl acetate	19.0	5.0	20.0		95%	24	147	18.4	3%	30	
/inyl chloride	18.7	0.50	20.0		94%	50	131	17.8	5%	20	
(ylenes, Total	66.5	3.0	60.0		111%	70	130	67.6	2%	20	
-Bromofluorobenzene	47.7	N/A	50.0		95%	57	130	07.0	270	20	
Dibromofluoromethane	46.6	N/A	50.0		93%	51	129				
,2-Dichloroethane-d4	42.1	N/A	50.0		84%	44	137				
oluene-d8	50.3	N/A	50.0		101%	58	130				
Sample ID: LCS	Batch ID: FU	ELS3 08121		Test (Code: S	W8015D		Date Analyz	ed: 12/	11/08 17:5	
		***						•			.0
				Uiits	: μg/L			Date Prepare	ea: N/A		
06-C10 GRO	464	200	500		93%	20	137				T5
Bromofluorobenzene	17.9	N/A	20.0		90%	70	130				
Sample ID: LCS	Batch ID: FUI	ELS3_08121	5A	Test (Code: SV	W8015D		Date Analyz	ed: 12/	15/08 16:3	0
				Units	: μg/L			Date Prepare	ed: N/A		
06-C10 GRO	440	200	500		88%	20	137			·	T5
Bromofluorobenzene	18.2	N/A	20.0		91%	70	130				. •
Sample ID: LCS	Batch ID: FUI	ELS3_08121	8A	Test (Code: SV	W8015D	,·,	Date Analyz	ed; 12/	18/08 I5:3	0
					μg/L			Date Prepare			
6-C10 GRO	456	200	500	***************************************	91%	20	137	Г	-		Т5
romofluorobenzene	18.6	N/A	20.0		93%	70	130				10



06-Jan-09

Blank Spike Duplicate

License No. AZ0133/AZM133

CLIENT:

Bristol Environmental & Engineering

Work Order:

08120130

QC SUMMARY REPORT

Project: Bond & Bond/3917783

Analyte	Result	PQL	SPK value	SPK Ref Val	% Rec	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual			
Sample ID: LCSD	Batch ID: FU	UELS3_0812	IIA	Test	Code: 5	SW8015D		Date Analyzed; 12/11/08 18:31						
				Units	s: μg/L			Date Prepar	red: N/A	\				
C6-C10 GRO	419	200	500		84%	20	137	464	10%	20	T5			
Bromofluorobenzene	15.6	N/A	20.0		78%	70	130							
Sample ID: LCSD	Batch ID: FU	JELS3_08121	Test	Code: \$	SW8015D		Date Analyzed: 12/15/08 17:05							
				Units	s: µg/L			Date Prepar	ed: N/A	<u>.</u>				
C6-C10 GRO	414	200	500		83%	20	137	440	6%	20	T5			
Bromofluorobenzene	Batch ID: FUELS3_081211. 419 200 15.6 N/A Batch ID: FUELS3_081215.	20.0		87%	70	130								
Sample ID: LCSD	Batch ID: FU	JELS3_08121	Test	Code: \$	SW8015D		Date Analyzed: 12/18/08 16:04							
				Units	s: μg/L			Date Prepar	ed: N/A					
C6-C10 GRO	410	200	500		82%	20	137	456	11%	20	T5			
Bromofluorobenzene	16.2	N/A	20.0		81%	70	130							



Sample Receipt Checklist

B. A.	weedbi C		**	/ .					
Client Name: Bristal		Date and Time	e Received:	9/08 0940					
Work Order Number: 08/20/30	Checked by: RF								
Checklist completed by: Lesly My Signature / Date	9/08	Logged In by:							
Matrix: Waker Carrier Name: Client CAS	4/5	Reviewed by:_	Initials / Date	2-17-01					
Shipping container/cooler in good condition?	Yes D	No □	Not Present []	COMMENTS					
Custody seals intact on shipping container/cooler?	Yes 🗵	No □	Not Present □ Not Present □	· -					
Custody seals intact on sample bottles?	Yes 🗆	No □	Not Present □	•					
Chain of custody signed when relinquished and received?	Yes Z	No □	Not Present						
Chain of custody agrees with sample labels?	Yes 🗵	No □	- I I I I I I I I I I I I I I I I I I I						
Samples in proper container/bottle?	Yes 🗗	No □							
Sample containers intact?	Yes 🗗	No □							
Sufficient sample volume for indicated test?	Yes	No □							
All samples received within holding time?	Yes	No 🗆							
Temperature in compliance?	Yes 🗗	No□	Temp:), Y	Wet Ice Present					
Where was the temperature reading taken at?	Sample \square	Temp Blank	Other:						
Water - Colifort and in the second space?	Yes Z	No □	N/A 🗆						
Water - Colilert containers have = 2.5 cm headspace?	Yes □	No □	N/A						
Water - pH acceptable upon receipt?	Yes □	No □	N/A 📈	Checked by:					
Water - Sulfides present in Cyanide samples? Dissolved Water Applyton Field File 19	Yes □	No□	N/AZ						
Dissolved Water Analytes - Field Filtered?	Yes □	No□	N/A						
Person contacted: Date contacted:		Contacted by	y:						
Regarding:		····							
Regarding:	······································								
Corrective Action:	·····								

Columbia Analytical Services

3725 E. Atlanta Ave.

Phoenix, Arizona 85040 Phone: (602) 437-0330

Fax: (602) 437-0660

3860 S. Palo Verde Rd., Ste. 302

Tucson, Arizona 85714 Phone: (520) 573-1061 Fax: (520) 573-1063 **Chain of Custody**

Work Order No: 08/20/30

Date 148/08 Page 1 of 2

Project Manager:	5	Coff Ruth BUISTON ENVIRON. 1. 16th Ave 3th FIR									to:			<u> </u>									
Client Name:	130	VISTOR ENVIRON.									npany	r:									······································		
Address:	111 W.	16th Ave 3° FIR									Address: 5 PME												
City, State ZIP:	ANCHOra	age AK 995011 Phone: 1-907-563000								City, State ZIP: Phone:									****				
Email:			Fax:								Email: Fax:												
Project Name:	Bonz	, 4 Box								Α	NAL'	/SIS	S REQUEST							TAT			
Project Number:	391	7783																			T	utine	
P.O. Number:										٩		Ì	}								Ru	sh - Prelim	
Sampler's Name:	LL 4	TT				Volatile			Sem	Organochlorine Pesticides (608 / 8031)				M							Ru	sh - Final	
	SAMPLE	RECEIPT							Semi-Volatile Organics (625 / 8270)	chlor			Mer	Ŏ							Du	e Date:	
Temperature (°C):	2,0	Temp Bla	nk Present	$\lceil \gamma \rceil$		anic		<u>S</u>	atile	ine P	İ		cury	0] - "		
Received Intact:	als: (Ves	No N/A	Wet Ze / i	Blue Ice	, T	e g		AWC	Orgai	estic		Me	(7471							***************************************	Vo	atiles	
Cooler Custody Sec		No N/A	Gold Con	tainers	9, .	PH (S		Voja	nics	ides	79	tals (A / 7	8							En	cores	
Sample Custody Se	als: Yes	No (V/A)			Cont	(624 /	PAH	iles	625 /	608	PCB's	See	470 /	1						ļ	Me	thanol Kits	
Sample Identificati	on Matrix	Date Sampled	Time Sampled	Lab ID	tainers	MS (624 / (260B) TPH (8015AZR.1)	PAH (8310)	SDWA Volatiles (524.2)	8270	8081	(8082)	Metals (See Below	Mercury (7471A / 7470 / 245.1)								A	10 May 15	
MW-4	H20	12/5/08	1115	\top / \top	11		1 -	-9	-		2	-		سمت					+		Con	iments	
mw-6			0933	à	11	•								~									
Mu-7	-(1100	3	11	e e								•								****	
mw-8			1215	14	11																		
mw9		$\overline{}$	1020		<i></i>		ļ														MS/n	150	
MW-10) (0955	6										V		<u> </u>					<u> </u>		
mw-//		/	1252	7			 													_			
MW-12 NAW-13		+/-	1140	10 1	32	300	-								_					-	M3/ M	130	
		<u> </u>	12270	1-7-+	31		 																
Metals t	Metals to be analyzed as: Total TCLP Dis											Me	thod:	: 6010B 6020 200.7 200.8									
Circle metals to			Cd	Ca	Cr	Со	Cu				Mn N	∕lo Ni	K S	e Ag	Na. Ti	Sn '	v Zn F						
Relinguished by:			(Print Nar			T	***************************************	ceive						(Print Name) / Date/Time									
The M	W.	lavina	Lun	ne_	reggenturo; (1)99	repaire Valleting Self			occupation in	**************************************		-	0.0020.000	ecopy (468)	.,0	\rightarrow	$ \leftarrow $		1	1/8/		1/20	
2		0	IPS	 >	T		-/	\geq	1	\geq		9	_		7	21/2		10		150	Plud	090	
3			~ ∨ + · · · ·				<u>_</u>		t	7					<u>\</u>	J /_	, ,	T	\ 	-	400	1110	

Columbia Analytical Services*

3725 E. Atlanta Ave.

Phoenix, Arizona 85040 Phone: (602) 437-0330

Fax: (602) 437-0660

3860 S. Palo Verde Rd., Ste. 302

Tucson, Arizona 85714 Phone: (520) 573-1061 Fax: (520) 573-1063 **Chain of Custody**

Work Order No: 08/20/30
Date 12/8/08 Page 2 of 2

Project Manager:	Scott Ruth Bristou Environ. 111 W. 16th Ave 3'd FLR Anchorage Ak 995011 Phone 1-907-5630013										Bill t	o:												
Client Name: Bristou Environ.										1		ompany:									****			
Address: ///				1	Addi								***************************************											
City, State ZIP: Av	Archovase Ak 995011 Phone 1-90							1-907-563-0012					e ZIP) ,		************	·			Phone	<u>.</u> ,			
Email:	Fax:											il:												
Project Name;	UND 8	& BOND								-		Al	NAL'	YSIS	REC	UEST			-				TAT	
	3917		711		3 8	Ĉ.	1	2000	Sunogon		T												Routine	
P.O. Number:					} }	•	_				0												Rush - P	relim'
	LL &	7.7	***************************************		-	,0	Volatile			Ser	Organochlorine												Rush - F	
		RECEIPT			E					mi-Vc	ochlo			 <u>≅</u>									h	
Temperature (°C):	12.4		ank Present	TUT	levu		Organics			ylatile				rcur	$ \omega $		-						Due Date	a:
Received Intact:	Too !	No N/A	Wet Ice / E	3lue Ice		-	cs G(/Wds	Org	Pesti		3	y (74)	108		Ì						Volatiles	
Cooler Custody Seals:	(e)s	No N/A	Total Cont	Company of the Compan	No. o	ТРН	GCMS (A Vol	anics	cides		etals	71A /	1 1								Encores	
Sample Custody Seals:	Yes	No (N/A			Cor	(801)	(624 /	PA	atiles	ş (62 5	3 (608	PCB's	(Sec	7470	(E)								Methano	- 1
Sample Identification	Matrix	Date	Time	Lab ID	Containers	TPH (8015AZR.1)	(260B)	PAH (8310)	SDWA Volatiles (524.2)	Semi-Volatile Organics (625 / 8270)	Pesticides (608 / 8081)	's (8082)	Metals (See Below)	Mercury (7471A / 7470 / 245.1)	8								<u>i4</u>	
	1	Sampled	Sampled	i anti-	<u>8</u> .		٧	<u> </u>	2)	<u>70</u>	81)	82)	¥,	5.1)	-		-						Comment	(8)
mw-14	HZO	#12/5/08		101	11 '	2 m				-			 		<i>"</i>				 -					
mw-15	-	+/-	1410		11	r	3			 					1									
mw-16 mw-17	+	+(1427	13	31		~			 				<u> </u>	3			ļ			-			
mw-18		+	1440	14	11	3/	9	-		 						-+	+		_		+	\vdash		
mw-21		1	1003	1/5 1	計十		6							ļ	2									
MW-22	1		1355	16	İ		-	7								-	_							
73	Worter	12/5/08	0933		24		(Land							(2						1			
Metals to be	analyze	das: Tota	tal TCI	LP	Disso	olved							= Me	ethod	<u> </u>	601)B	60:	 20	200	7	200	8	
Circle metals to be	analyzed	i: 8RCRA '	13PPM AI	Sb As	, Ba	Ве	В	Cd	Ca	Cr	Со	Cu											Zn Hg	
Relinquished by (Sign	Q ure)		(Print Nan			T		******************************	Olisia VIII seesia o	owner or the	: (Sig	****************	N12702-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2				(Print	and the section (197)	2777777772777277777777777	7307 3307		thetarmanna	Date/Time	
Jone from		LAV	ina La	2) Daniel		SEPTION 5745	200000000	nemegani	450000000000000000000000000000000000000	Sale Margarett	<u> </u>	<u> </u>	1052 (#1658)	eny gener	1	10		<i>j. co</i> m. 200	500 (Size (S	1653 (639/11)	1	4	<u> </u>	30
		LAP"	5	7				V		7		}					710		1)		1	201	08 09	Th
3						/				CONTRACTOR OF THE PARTY OF THE		 	7			<u> </u>		10	71	VU U				